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Best Local Similarity 81.5%; Pred. No. 1.3e+02;
Matches 22; Conservative 0; Mismatches 5; Indels
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Unclassified.
3 1 (bases 1 to 27)
S Chenchix, A., Jokhadze, G. and Bibilashvilli, R.
Methods of assaying differential expression
AL Patent: US 6352829-A 80 05-MAR-2002;
Location/Qualifiers
                                     1 (bases 1 to 27)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Asthods of assaying differential expression
Patent: US 6489455-A 80,03-DEC-2002;
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Sequence 80 from patent US 6352829.
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AR259149.1 GI:27309660
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Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 24)
Chetverin, A.B. and Kramer, F.R.
Chtverin, A.B. and kramer, F.R.
Oligonuclectide arrays and their use for sorting, isolating, sequencing, and manipulating nucleic acids
patent: US 6322971-A 6 27-NOV-2001;
Location/Qualifiers
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1 (bases 1 to 27)
1 (bases 1 to 27)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Polymorphic repeats in human genes
Patent: Us 472154-A 153 29-OCT-2002;
Location/Qualifiers
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                        1.8%; Score 20.2; DB 1; Length 25; 88.0%; Pred. No. 76; Live 0; Mismatches 3; Indels
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Sequence 153 from patent US 6472154.
AR241865.1 GI:27287677
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Sequence 6 from patent US 6322971.
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE

JOURNAL

RESULT 7 AX043103/c LOCUS DEFINITION

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FEATURES

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Eukaryota, Eutheria, Primates, Catarrhini, Hominidae, Homo.
I. (Dasses 1 to 22)
Shimada, K.
Method of comparison and detection of RNA amount and DNA amount
UNITECH CO LTD
OS Homo sapiens (human)
PN JP 2001333800-A/1
PP 30-MAY-2000 JP 2000160324
PI KAORI SHIMADA
PI KAORI SHIMADA
PC C1201/68,C12N15/09,G01N33/50,C12N15/00
CC Method of Comparison and detection of RNA amount and DNA CC
amount
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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Larity 95.0%; Pred. No. 1.56+02;
Conservative 0; Mismatches 1; Indels
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/mol_type="genomic DNA"
/db_xref="teaxon:32630"
/note="Primer"
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Sequence 2755 from Patent WO0129262.
AX117632 GI:14034583
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Sequence 489 from Patent WO0065088.
AX042923
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Homo sapiens
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AX042923/c
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Primers for identifying typing or classifying nucleic acids Patent: WO 0065088-A 669 02-NOV-2000;

Amersham Pharmacia Biotech AB (SE)

Location/Qualifiers

lorganism="synthetic construct"

/ Mol_type="genomic DNA"

/ Mol_type="genomic DNA"

/ Mol_type="genomic DNA"

/ Mol_type="leaxon:25630"

/ Ab_xref="taxon:25630"

/ Ab_tref="taxon:25630"

/ Ab_tref="taxon:256
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Molecular indexing for expressed gene analysis
Patent: US 5707807-A 3 13-JAN-1998;
Location/Qualifiers
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Sequence 3 from patent US 5707807.
179496
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Sequence 669 from Patent WO0065088.
AX043103
                                   174 GCTGACAGTCACAGTGGCCGGGTCAGT 200
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                                                                           GCAGACAGTCACACTGGTTTGGTCAGT
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/organism="unknown"
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artificial sequences.
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1 (bases 1 to 26)
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DECENTION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

RESULT 8 I79496/c

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AUTHORS TITLE JOURNAL

REFERENCE

DEFINITION ACCESSION VERSION KEYWORDS

RESULT 9 BD085544

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PAT 16-JUN-2001
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Patent: WO 9732023-A 27 04-SEP-1997;
FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHAEL ZENON (AU)
LOCALION/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.

(Dases 1 to 20)

Holton, T. Abbert., Cornish, E. Cecily., Kovacic, F., Tanaka, Y. and Lester, D. Ruth.

Genetic sequences encoding flavonoid pathway enzymes and uses
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 33 27-MAR-2001;
Location/Qualifiers
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100.0%; Pred. No. 1.4e+02;
/ative 0; Mismatches 0;
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100.0%; Pred. No. 1.3e+02;
tive 0; Mismatches 0;
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0 c 0 g 17 t
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Location/Qualifiers
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Sequence 33 from patent US 6207417.
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| /organism="unknown"
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AR139961.1 GI:14482457
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AR139961/C
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AR030917/c
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Genetic sequences encoding flavonoid pathway enzymes and uses
therefor
                                                                                                                                                                                                                                                                                                              Gaps
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 514 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                        Ulfendahl, P.J. and Wong, K.C.
Primers for identifying typing or classifying nucleic acids
Patent: WO 005608-A 489 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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/mol_type="aponomic DNA"
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/note="16S rRNA Homozygote Primer Sequence"
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/mol_type="spenomic DNA"
/db_xref="taxon:33630"
/note="16S rRNA Homozygote Primer Sequence"
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87.0%; Pred. No. 1.6e+02;
tive 0; Mismatches 3; Indels
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Sequence 514 from Patent W0006508B.
AX042248
AX042948.1 GI:11341556
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Best Local Similarity 87.03
Matches 20, Conservative
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Best Local Similarity
Matches 20; Conserv
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AX028843/c
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BD056964 27-AUG-2002 Sets of labeled energy transfer fluorescent primers and their use in multi component analysis.
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UP 2001509271-A/1.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta, Magnoliophyta, eudicotyledons; core eudicots;
Corids, eurosids II; Brassicales; Brassicaceae, Arabidopsis.
1 (bases 1 to 25)
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Holton, T.A., Cornish, E.C., Kovacic, F., Tanaka, Y. and Lester, D.R. Genetic sequences encoding flavonoid pathway enzymes and uses therefor Essessaz-A 20 29-OCT-1996; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unknown.
Unclassified.
1 (bases 1 to 20)
Holton,T.Albert., Cornish,E.Cecily. and Tanaka,Y.
Genetic sequences encoding flavonoid pathway enzymes and uses therefor
                                                                                                                                                                        Query Match 1.6%; Score 18; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1.46+02; Matches 18; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred, No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
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Sequence 11 from patent US 5639870.
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/organism="unknown"
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Unknown.
Unknown.
Unclassified.
Unclassified.
I bases I to 20)
I Sebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method for enhancing the effciency of gene transfer with stem cell
factor (SCP) polypeptide
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I location/Qualifiers
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Loaes 1 to 20)
Zsebo.K.W. Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Stem cell factor and compositions
Stem cell factor and sompositions
Patent: US 6207802-A 33 27-MAR-2001,
Location/Qualifiers
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1.6%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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Sequence 33 from patent US 6207802.
AR140558.1 GI:14483054
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Sequence 20 from patent US 5569832.
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RESULT 17 AR140558/c LOCUS

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RESULT 18 I28309/c

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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 511 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db xref="texon:32630"
/note="16S rRNA Homozygote Primer Sequence"
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90.5%; Pred. No. 1.7e+02;
tive 0; Mismatches 2; Indels
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Method for the detection of cytosine methylations
Patent: WO 0231186-A 21 18-APR-2002;
Epigenomics AG (DE)
Location/Qualifiers
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90.5%; Pred. No. 1.9e+02;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Primer"
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Sequence 50 from patent US 5756684.
AR010037
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Sequence 511 from Patent W00065088.
AX042945.1 GI:11341553
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Sequence 21 from Patent W00231186.
AX457060 AX457060.1 GI:21715842
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Best Local Similarity 90.54
Matches 19; Conservative
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Matches 19; Conservative
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AX457060/c
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AX042945/c
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1.6%; Score 17.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.5e+02;
Matches 17; Conservative 2; Mismatches 0; Indels
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100.0%; Pred. No. 1.8e+02;
ive 0; Mismatches 0; Indels
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Emrich, T. and Leying, H.
METHOD OF DETECTIVITY
PATCHE: WO 9720069-A 6 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE); EMRICH THOMAS (DE)
LOCATION/Qualifiers
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Unclass I to 19)

Emrich, T., Leying, H., Hinzpeter, M. and Karl, G.
Method of detecting telomerase activity
Patent: US 6221584-A 6 24-APR-2001;
Location/Qualifiers
                                            1. .25
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/db_xref="taxon:3702"
Topology: Linear;
Key Location/Qualifiers
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Sequence 6 from patent US 6221584.
AR147331
AR147331.1 GI:15111134
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/db_xref="taxon:32644"
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Sequence 6 from Patent WO9720069
A79657
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Matches 17; Conservative
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Dellinger,D.J., Dahm,S.C., Ilsley,D.D., Ach,R.A. and Troll,M.A. Hybridization assay signal enhancement
Patent: US 6103474-A 7 15-AUG-2000;
Location/Qualifiers
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Unclassified.

E 1 (bases 1 to 24)

S Dellinger, D. J. Dahm, S.C. and Troll, M.A.

Signal enhancement method and kit

AL Patent: US 6110682-A 1 29-AUG-2000;

Location/Qualifiers
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Sequence 11 from patent US 6346384.
AR184443.1 GI:20230408
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Sequence 7 from patent US 6103474.
AR105984 AR105984.1 GI:12820049
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/organism="unknown"
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Sequence 1 from patent US
AR107972
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AR105984
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AR107972
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Unclassified.

2 (Dasss 1 to 24)

S Dellinger D.J., Dahm, S.C. and Troll, M.A.

Signal enhancement method and kit

AL Patent: US 585393-A 1 29-DEC-1998;

Location/Qualifiers
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Unclassified.
1 (bases 1 to 24)
Johnson, E.M. and Bergemann, A.D.
Monoclonal antibodies to the pur protein
Patent: US 5869622-A 50 09-FEB-1999;
                              Unkn...
Unknown.
Unclassified.
i (Lases 1 to 24)
i (Lases 1 to 24)
Cloning and expression of PUR protein
AL Patent: US 575684-A 50 26-MAX-1998;
Location/Qualifiers
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Sequence 50 from patent US 5869622.
AR034772.1 GI:5950377
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Sequence 1 from patent US 5853993.
AR068465 GI:6000672
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GI:3968842
AR010037.1
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AR068465
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AR034772
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Immunostimulatory nuclei acids
Patent: WO 0122972-A 433 05-AFR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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83.3%; Pred. No. 2e+02;
ative 0; Mismatches 4;
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ilarity 83.3%; Pred. No. 2e+02;
Conservative 0; Mismatches 4;
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/organism="gynthetic construct"
/mol_type="genomic DNA"
/db_rref="taxon:32630"
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Sequence 961 from Patent WO0122972.
AXI04769
AXI04769.1 GI:13920966
                                                                                                                                               1 (bases 1 to 24)
Cruson, I.
Front tube furrow opener attachment
Patent: US 6457426-A 1 01-OCT-2002;
Location/Qualifiers
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Sequence 433 from Patent WO0122972.
                                             AR232949 24 bp
Sequence 1 from patent US 6457426.
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AX104769/c
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AR232949
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Unclassified.
1 (bases 1 to 24)
Singh,S. and Ullman,E.F.
Chemiluminescent compositions for use in detection of multiple analytes
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Pollner, R.B.
Real-time monitoring of PCR using LOCI
Patent: US 6346384-A 11 12-FBB-2002,
Location/Qualifiers
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Location/Qualifiers
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Sequence 4 from patent US 6406667.
AR213697.1 GI:23310978
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Best Local Similarity 83.33
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AR213697
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/mol_type="genomic DNA"
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/ackboar
                                 Score 17.6; DB 1; Length 24;
Pred. No. 2e+02;
0; Mismatches 4; Indels
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Larity 83.3%; Pred. No. 2e+02;
Conservative 0; Mismatches 4; Indels
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/mol_type="genomic DNA"
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/note="Poly(dT)24 primer"
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Gene silencing using mrna-cdna hybrids
Patent: WO 201374-4 12 07-FEB-2002;
UNIVERSITY OF SOUTHERN CALIFORNIA (US)
Location/Qualifiers
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Sequence 841 from Patent W00197843.
AX355813 AX355813.1 GI:18620481
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Sequence 12 from Patent W00210374
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 Immunostimulatory nucleic acids
Stetnt: WO 0122972-A 961 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
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mumuostimulatory nucleic acids
Patent: WO 0122972-A 962 05-ABP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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Real time monitoring of PCR using loci
Patent: WO 0173129-4 II 04-OCT-2001;
DADE BEHRUG INC. (US)
Location/Qualifiers
1. .24
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4;
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 11 from Patent WO0173129.
AX354553
AX354553.1 GI:18619355
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AX354553
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n n 0 0 g 24 t
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/note="Synthetic Sequence"
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Inhibition of angiogenesis by nucleic sternt: WO 02053141-A 962 11-JUL-2002, Coley Pharmaceutical Group, Inc. (US)
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Seguence 962 from Patent WO02053141.
AX547823
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Seguence 13 from Patent WO02059609.
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AX684290.1 GI:29371160
   AX547822.1 GI:25812966
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AX684290/c
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Dade Behring Marburg GmbH (DE)
Location/Cualifiers
1. 24
/organism="synthetic construct"
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 433 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/mol_type="genomic DNA"
/db xref="texcn:22630"
/note="Synthetic Sequence"
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Seguence 961 from Patent WO02053141.
AX547822
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Sequence 433 from Patent W002053141.
AX547294
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Seguence 1 from Patent WO0184157
AX428574
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AX547294/c
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AX547822/c
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JP 2002504350-A/4.
Synthetic construct
SM synthetic construct
artificial sequences.
E 1 (bases 1 to 24)
S Patel, R. and Kurn, N.
Quantitative assay of nucleic acid amplification product
Datent: JP 2002504350-A 4 12-FEB-2002;
DATIficial Sequence
N JP 2002504350-A/4
PD 12-FEB-2099 JP 2000532556
PR 17-FEB-1999 JP 2000532556
PR 17-FEB-1999 JP 2000532556
PR 18-FEB-1999 JP 2000532556
                                                                                                                                                                                                            Query Match
1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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                                                                      1..24
/organism="synthetic construct"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
breast cancer modulators
Patent: WO 02059609-A 13 01-AUG-2002,
EOS Biotechnology, Inc. (US)
Location/Qualifiers
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Sequence 25 from patent US 5545551.
124762
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1 (bases 1 to 24)
Johnson, E.M. and Bergmann, A.D.
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124762
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Unclassified.
1 (bases 1 to 25)
1 (bases 1 to 25)
Dellinger,D.J., Dahm,S.C., Ilsley,D.D., Ach,R.A. and Troll,M.A.
Hybridization assay signal enhancement
Patent: US 6103474-A 5 15-AUG-2000;
Location/Qualifiers
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1.6%; Score 17.6; DB 1; Length 2
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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1.6%; Score 17.6; DB 1; I
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4;
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B 1 (bases 1 to 25)

A Kuimells, R.G. and Wagner, R.

Addressable protein arrays

AL Patent: US 6337749-A 23 25-MAR-2003;

Location/Qualifiers

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Cloning and expression of pur protein Patent: US 5545551-A 25 13-AUG-1996; Location/Qualifiers
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Sequence 5 from patent US 6103474.
AR105982.1 GI:12820047
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AX043064/c

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FEATURES

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PAT 22-FEB-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0105435-A 15 25-JAN-2001;
THE UNIVERITY OF BRITISH (CA) ; Miyake, Hideaki (JP)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
Unclassified.
1 (Cases 1 to 25)
Wong, X.N.
Production and use of magnetic porous inorganic materials
Patent: US 5734020-A 2 31-MAR-1998;
Location/Qualifiers
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1.6%; Score 17.4; DB 1; Length 2
Best Local Similarity 94.7%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                  4; Indels
1 (bases 1 to 25)
Nikiforov, T. and Knapp, M.R.
Method for immobilizing nucleic acid molecules
Patent: US 5610287-A 2 11-MAR-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.6%; Score 17.6; DB 1;
83.3%; Pred. No. 2e+02;
ative 0; Mismatches 4;
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2e+02;
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0; Mismatches
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/organism="Homo sapiens"
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- 1 c 0 g 16
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5734020.
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Sequence 15 from Patent WO0105435.
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Sequence 2 from patent
196072
196072.1 GI:3940542
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Best Local Similarity 83.33
Matches 20, Conservative
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Best Local Similarity 83.3
Matches 20; Conservative
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AX078001/c
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                 PAT 23-NOV-2000
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 1287 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                                                                               Ulfendahl,P.J. and Wong,K.C.
Primers for identifying typing or classifying nucleic acids
Patent: Wo. 1200.08-A 630 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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/mol type="genomic DNA"
/db_xref="texon:32630"
/note="168 rRNA Homozygote Primer Sequence"
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1.6%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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              AX043064 25 bp 1
Sequence 630 from Patent WO0065088.
AX043064.1 GI:11341672
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PAT 16-MAY-2001
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                                            PAT 14-FEB-2001
                                                                                                                                                                           1 (bases 1 to 19)
Croteau, R. Bruce., Lupien, S. Lee. and Karp, F.
Recombinant materials and methods for the production of limonene hydroxylases
Patent: US 6083731-A 18 04-UUL-2000;
Location/Qualifiers
1. 19
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1 (bases 1 to 19)

Weinerein, J.N. and Buolamwini, J.
Restriction display (RD-PCR) of differentially expressed mRNAs Patent: US 6270966-A 1 07-AUG-2001;
                                                                                                                                                                                                                                                                                                                                                                                Gaps
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Unclassified.
1 (bases 1 to 19)
Croteau, R. Bruce., Lupien, S. Lee. and Karp, F.
Recombinant materials and methods for production of limonene
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1.6%; Score 17.2; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 1; Mismatches 0;
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Patent: US 6194185-A 18 27-FEB-2001;
Location/Qualifiers
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Sequence 18 from patent US 6194185.
AR134802
AR134802.1 GI:14123707
                                          AKLU2020
Sequence 18 from patent US 6083731.
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Sequence 1 from patent US 6270966.
AR163080
                                                                                                                                                                                                                                                                                              /organism="unknown"
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                                                                                AR102020
AR102020.1 GI:12812818
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Best Local Similarity 94.4'
Matches 17; Conservative
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Unknown.
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                                                         DEFINITION
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AR134802/c
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AR163080
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                                                                                                              PAT 31-MAY-2001
                                                                                                                                                                                                                                 Eukaryoča, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Means and methods for identifying genes and proteins involved in
the prevention and/or repair of a replication error
Patent: WO 02095071-A 31 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
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/organism="synthetic construct"
/mol_type="genomic DNa"
/mol_type="genomic DNa"
/mol_type="genomic DNa"
/note="sequence to demonstrate the principle of how to detect somatic repeat instability-##N# stands for any number of nucleotides selected from A, C, T or G#"
0 c 1 g 1
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1.6%; Score 17.4; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                  1. 21
// Organism="Homo sapiens"
// Mol type="genomic DNA"
/db_xref="taxon:9606"
1. 21
// Note="'n' represents a polymorphic base"
9 c 4 g 4 t 1 others
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                                                                                                              linear
                                                                                                                                                                                                                                                                              Au, K.G., Chen, J.G., Patil, N. and Thomas, D. Generic compositions and methods
Patent: Wo 0134840-A 7 17-MAY-2001;
GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
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Sequence 31 from Patent W002095071.
AX708815 AX708815.1 GI:29564542
                                                                                                              21 bp
22 bp
22 deguence 7 from Patent WO0134840.
AX145816
AX145816.1 GI:14284334
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1082 TTAAAAAAAAAAAAAA 1100
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                              19 TTGAAAAAAAAAAAAA 1
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synthetic construct
artificial sequences.
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Homo sapiens
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AX145816/c
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AX708815
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PAT 18-JUN-2001
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PR HIDEKI KAMIBARA, SENSHU UEMATSU
PC C12N15/09, C12Q1/68, G01N27/447, C12N15/00, G01N27/26 CC Strandedness: Single;
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/organism='Artificial sequences'.
Location/Qualifiers
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1.6%; Score 17.2; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 1; Mismatches 0;
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Hideki,K. and Senshu,U.
Hideki,K. and Senshu,U.
Method for analyzing DNA fragment
Patent: JP 1999196874-A 9 27-JUL-1999;
HITACHI LTD
OS Unidentified
PN JP 1999196874-A/9
PD 27-JUL-1999
PP 14-JAN-1998 JP 1998005399
                                                                                                                                                                                                                                                                                              Location/Qualifiers
                                                                Arificial sequences.
JP 194403997-A/3
01-NOV-1994
16-APR-1993 JP 1993112515
TAKAGI SHIGGRU, KAMJOKA SUKEYUKI
C12Q1/68.CIZN15/10;
strandedness: Single;
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  Patent: JP 1994303997-A 3 01-NOV-1994;
NIPPON TELEGR & TELEPH CORP <NTT>
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/organism="unidentified"
/mol_type="genomic DNA"
/db_ref="taxon:32644"
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Method for analyzing DNA fragment.
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/mol_type="genomic DNA"
/db_xref="taxon;32644"
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JP 1999196874-A/9.
unidentified
unidentified
unclassified
                                                                                                                                                                                                                           topology: Linear;
hypothetical: No;
anti-sense: Yes;
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/organism='Artificial sequences'
Location/Qualifiers
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                                                                                                           Query Match
1.6%; Score 17.2; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 1; Mismatches 0; Indels
                                                                     2 others
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E08311
E08312
DF 19430397-A/2.

Unidentified
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Artificial sequences.
JP 1994303997-A/2
01-NOV-1994
16-APR-1993 JP 1993112515
16-APR-1993 JP 1993112515
16-APR-1993 JP 1993112515
1201/68,C12N15/10,
strandedness: Single,
topology: Linear,
hypothetical: No,
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unknown"
a 0 c 0 g
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E08332
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1 (bases 1 to 20)
Takagi,S. and Kamioka,S.
DETERMINATION OF CDNA
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JP 1994303997-A/3.
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E08332/c
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PAT 23-MAR-2002
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1 (bases 1 to 17)

Holton, T.A., Cornish, E.C., Kovacic, F., Tanaka, Y. and Lester, D.R. Genetic sequences encoding flavonoid pathway enzymes and uses
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Query Match
1.6%; Score 17.2; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 1; Mismatches 0; Indels
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100.0%; Pred. No. 1.8e+02;
ive 0; Mismatches 0; Indels
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INTERNATIONAL FLOWER DEVELOPMENTS Pty. Ltd
Location/Qualifiers
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/mol_type="genomic DNA"
/nofe="RT reaction primer"
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primer sequence 4 from patent EP0522880.
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Patent: WO 0216618-A 21 28-FEB-2002;
DSM N.V. (NL)
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Arrays and methods of use
Patent: WO 02074988-A 3 26-SEP-2002;
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD (GB)
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/organism="synthetic construct"
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/note="synthetic oligonucleotide primer (Oligo-dT"
/ note="synthetic oligonucleotide primer (Oligo-dT"
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/oxganism='Artificial sequences'
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Unidentified
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1 (bases 1 to 21)
Takagi, S. and kamioka, S.
DETERMINATION OF CDNA
Patent: JP 1994303997-A 4 01-NOV-1994;
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JP 1994303997-A/4
10-NOV-1994
16-APR-1993 JP 1993112515
TAKAGI SHIGERU, KAMIOKA SUKEYUKI
C1201/68,C12N15/10;
strandedness: Single;
topology: Linear;
hypothetical: No;
anti-sense: Yes;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_ref="taxon:32644"
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Sequence 3 from Patent WO02074988.
AX583623
                                                                     21 bp
Reverse transcription primer.
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Unknown.
Unclassified.
1 (bases 1 to 17)
1 (bases yproceases and intermediates for synthesis of mixed backbone oligomeric compounds
backbone oligomeric compounds
Patent: US 6462184-A 5 08-0CT-2002;

Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0;
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Matches 17; Conservative 0; Mismatches 0;
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Unknown:
Unclassified.
3 1 (bases 1 to 17)
3 Xurz,M., Lohes,P. and Wagner,R.
Peptide acceptor ligation methods
Petent: US 6429300-A 23 06-AUG-2002,
Location/Qualifiers

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Sequence 23 from patent US 6429300.
AR222463.1 GI:23329994
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/organism="unknown"
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AR236087/c
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AR222463
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Unclassified.

1 (bases 1 to 17)
Manoharan, M. and Maier, M.A.
Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
backbone oligomeric compounds
patent: US 6207819-A 5 27-MAR-2001;
Location/Qualifiers
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 0;
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Z (bases 1 to 17)

S Cech, T.R. and Lingner, J.

Telomeras

'AL Patent: US 6093809-A 132 25-UUL-2000,

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Cech, T.R. and Nakamura, T.
Telomerase
Patent: US 6309867-A 132 30-OCT-2001;
Location/Qualiflers
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                                             17 bp Dl Sequence 132 from patent US 6093809.
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AR175846/c
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AR141074/c
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Unknown.
Unclassified.
Unclassified.
I (bases 1 to 18)
De Rose,R., Douce,R., Duval,M., Job,C. and Job,D.
Seed specific biotinylated protein, SBP65, from leguminous plants
Patent: US 5837820-A 3 17-NOV-1998;
Patent: US cation/Qualifiers
                                                                                                    Unknown.
Unclassified.
Unclassified.

(nclassified.
Chatelain,F. and Kumarev,V.
Process for preparing polynucleotides on a solid support in a tightly packed bed
Patent: US 5869643-A 12 09-FEB-1999;
Location/Qualifiers
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Chatelain, F. and Kumarev, V.
Process for preparing polynucleotides on a solid support in a tightly packed to Seesoff Se
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Best Local Similarity 100.0%; Pred, No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 18 from patent US 5869643.
AR034899
AR034899.1 GI:5950504
Sequence 12 from patent US 5869643.
AR034896
AR034896.1 GI:5950501
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Sequence 3 from patent US 5837820.
AROS8305.
AROS8305.1 GI:5983882
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Unclassified.
I (bases 1 to 18)
Lin,C.-I.Patsy., Wallace,R.Bruce., Cossman,J. and French,C.
Lin,C.-I.Patsy., Wallace,R.Bruce., Cossman,J. and French,C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
biology experiments
Patent: US 6017145-A 9 06-UNN-2000,
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.9e+02;
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Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0;
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1 (bases 1 to 18)
Keeling,P. and Guan,H.
Starch encapsulation
Patent: US 6107060-A 30 22-AUG-2000;
Location/Qualifiers
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Sequence 9 from patent US 6071745.
AR097579.1 GI:12806309
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Sequence 9 from patent US 6410321.
AR215435
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Borkow,G.
Antisense oligonuclectide constructs based on beta -arabinofuranose and its analogues
Patent: WO 9967378-A 2 29-DEC-1999;
DAWHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER GCA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NOROWHA ANNE M (CA);
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                                                                                                       Gaps
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//cranism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="2' methyl-modified oligonucleotide"
                                                       Score 17; DB 1; Lengtn 10, Pred. No. 1.98+02;
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/note="3' palmityl oligonucleotide"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="teaxon:32630"
/note="Use as an oligomer"
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Sequence 8 from Patent WO9910527.
AX004879
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                                                            Unclassified.

1 (bases 1 to 18)

Lin,C.-I.P., Wallace,R.B., Cossman,J. and French,C.

Method and formulation for lyophilizing cultured human cells to preserve RNA and DNA contained in cells for use in molecular biology experiments

Patent: US 6410321_A 9 25-UUN-2002;
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Method for isolating anionic organic substances from aqueous systems using cationic polymer nanoparticles
Patent: WO 9910.527-A 4 04-WAR-1999;
SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
Location/Qualifiers
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Kurz, M., Lohse, P. and Wagner, R.

Peptide acceptor ligation methods

Patent: US 6429300-A 24 06-AUG-2002,

Location/Qualifiers
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Sequence 4 from Patent WO9910527
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/organism="unknown"
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Borkow,G. Antieense oligonucleotide constructs based on beta -arabinofuranose and its analogues and its analogues Patent: WO 9967378-A 8 29-DEC-1999; DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
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Location/Qualifiers
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/note="Oligonucleotide"
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/note="Use as an oligomer"
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Sequence 28 from Patent WO9732023
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Sequence 8 from Patent WO9967378.
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AX028844.1 GI:10189947
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Antisense oligonucleotide constructs based on beta -arabinofuranose and its analogues.
Patent: WO 9967378-A 7 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA); BORKOW GADI (IL)
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Patent: WO 9967378-A 3 29-DEC-1999;
DAWHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
BORKOW GADI (IL)
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Borkow,G.
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Matches 17; Conservative 0; Mismatches 0;
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Sequence 7 from Patent WO9967378.
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PAT 30-APR-2001
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High density labeling of dna with modified or chromophore carrying nucleotides and dna polymerases used
Patent: WO 0068422-A 23 16-NOV-2000;
Roche Diagnostics GmbH (DE)
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 913 05-ARR-2001,
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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100.0%; Pred. No. 1.9e+02;
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Sequence 939 from Patent WO0122972.
AX104747
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Sequence 913 from Patent WO0122972.
AX104721. GI:13920918
                                                         18 bp
Sequence 23 from Patent WO0068422.
AX047273
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AX104747/c
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AX047273/c
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AX104721/c
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Gumblowski, K. and Zulauf, M.
High density labeling of dna with modified or chromophore carrying nucleotides and dna polymerases used
Patent: WO 006842-A 21 16-NOV-2000;
Roche Diagnostics GmbH (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                     University of 9732023-A 29 04-SEP-1997;
Patent: WO 9732023-A 29 04-SEP-1997;
PLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHARL MICHARL ZENON (AU)
Location/Qualifiers
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ive 0; Mismatches 0; Indels
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 Mismatches
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Sequence 21 from Patent WO0068422.
AX047271 GI:11876551
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Squence 29 from Patent W09732023
AX028845
AX028845.1 GI:10189948
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AX047271
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Methods for enhancing antibody-induced cell lysis and treating
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/organism="synthetic construct"
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/db xref="taxon:33630"
/noTe="Synthetic oligonucleotide-phosphorothioate
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
                                                         construct"
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Patent: WO 0174901-A 84 11-OCT-2001;
Scios Inc. (US)
Location/Qualifiers
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Sequence 837 from Patent WO0197843.
AX355809
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Sequence 84 from Patent W00174901.
AX268883
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/organism="synthetic con:
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/db_Xref="taxon:32630"
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   SCIOS INC. (US)
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AX355809/c
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                                                                                                   Krieg, A.M., Schetter, C. and Vollmer, J.C.
Imminostimulatory nucleic acids
Patent: WO 0122972-A 939 05-ARP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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/organism="synthetic bna"
/mol type="reaxon:32630"
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/db_xref="taxon:25630"
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Secreted factors
Patent: WO 0123564-A 10 05-APR-2001;
Scios Inc. (US)
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Differentially expressed genes
Patent: WO 0123419-A 10 05-APR-2001,
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Sequence 10 from Patent W00123419.
AX108642 AX108642.1 GI:13923875
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Sequence 10 from Patent WO0123564.
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AX105651.1 GI:13921674
AX104747.1 GI:13920944
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RESULT 90 AX105651/c

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DEFINITION

ACCESSION VERSION KEYWORDS

ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

FEATURES

KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

RESULT 91 AX108642/c LOCUS DEFINITION ACCESSION VERSION

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E28535

ION Method for labeling oligonucleotide and utilization thereof.

B28535.1 GI:13025387

S UP 1999075880-A/2.

Unidentified

Damas 1999075880-A/2

Damas 1999075880-A/2
                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Butaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1. (bases 1 to 18)

S. Shimada, K.

Method of comparison and detection of RNA amount and DNA amount

I. Patent: UP 2001333800-A 2 04-DEC-2001;

DN JP 2001333800-A 2 04-DEC-2001;

PN JP 2001333800-A/2

PN JP 2001333800-A/2

PN JO 04-DEC-2001

PP 30-MAY-2000 JP 2000160324

PI KAORI SHIMADA

PI KAORI SHIMADA

CC C1201/68; C12N15/09 G01N33/50,C12N15/00

CC Method of comparison and detection of RNA amount and DNA CC
                                                                BD085545 1 inear PAT 27-AUG-2002 Method of comparison and detection of RNA amount and DNA amount. BD085545. BD085545.1 GI:22631155
TO 2001333800-A/2. Homo sapiens (human)
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5/09,C12Q1/68,G01N33/58,C12N15/00
Strandedness: Single;
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Location/Qualifiers
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/organism='Unidentified'
Location/Qualifiers
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100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02051141-A 939 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02063141-A 913 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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| /note="Synthetic Sequence"
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E28536

Method for labeling oligonucleotide and utilization thereof.

E28536.1 GI:13025388

TP 1999075880-A/3.

Unidentified

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PN JP 1999075880-A/3
PD 23-MAR-1999
PF 10-JUL-1998 JP 1998195719
PR KENICH HANAKI, HIROSHI YOSHIKURA, MASAHIDE NOZAKI PC C12N15/09, C12Q1/68, G01N13/58, C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key
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/organism='Unidentified',
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C12N15/00,
C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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1 (bases 1 to 19)
Collingwood, S.P., Moser, H.E., Altmann, K. and Douglas, M.E.
INTERMEDIATES FOR OLIGONICLEOTIDE SYNTHESIS
Patent: WO 947636-A 4 18-DEC-1997;
CIBA GEIGY AG (CH)
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Molecular indexing for expressed gene analysis
Patent: US 5707807-A 16 13-JAN-1998;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Sequence 4 from Patent WO9747636.
A68209.1 GI:4759376
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1 (bases 1 to 19)
Cook, P.Bar., Manoharan, M. and Kawasaki, A.Mamoru.
2 co-aminooxy-modified oligonuclectides
Patent: US 6127533-A 20 03-OCT-2000;
Location/Qualifiers
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru. 2'-0-aminoxy-modified oligonuclectides
Patent: US 6127533-A 21 03-OCT-2000;
Location/Qualifiers
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Cook, P.Dan., Mandharan, M. and Kawasaki, A. Mamoru.
2' -O-aminooxy-modified oligonuclectides
Patent: US 6127533-A 22 03-OCT-2000;
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100.0%; Pred. No. 2e+02;
cive 0; Mismatches 0
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches (
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        19 bp 18 dequence 20 from patent US 6127533. ARII1946 1 GI:12828794
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Sequence 21 from patent US 6127533.
AR111947.
AR111947.1 GI:12828795
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Sequence 22 from patent US 6127533.
AR111948.1 GI:12828796
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AR111947/c
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Leeds, J.M. and Cummins, L.L.
Fluorescence based nuclease assay
Patent: US 6127124-A 1 03-OCT-2000;
Location/Qualifiers
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Sequence 1 from patent US 5821354.
AR048767.
AR048767.1 GI:5971110
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 1 from patent US 6127124.
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AR048767/c
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L (bases I to 19)

S Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.

2'-O-aminooxy-modified oligonucleotides

AL Patent: US 6127533-A 27 03-OCT-2000;

Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 26 03-OCT-2000;
Location/Qualifiers
             Unknown.
Unclassified.
1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonuclectides
Patent: Us 6127531-A 25 03-0CT-2000;
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Sequence 26 from patent US 6127533.
AR111952
AR111952.1 GI:12828800
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Sequence 27 from patent US 6127533.
AR111953. GI:12828801
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AR111953/c
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AR111952/c
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            Query Match
1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru. 2' -0-aminoxy-modified oligonucleotides
Patent: US 6127533-A 23 03-OCT-2000;
Location/Qualifiers
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Cook.P.Dan., Mancharan,M. and Kawasaki,A.Mamoru. 2'-O-aminoxy-modified oligonuclectides
Patent: US 6127533-A 24 03-OCT-2000;
Location/Qualifiers
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Sequence 24 from patent US 6127533.
AR111950
AR111950.1 GI:12828798
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Sequence 25 from patent US 6127533.
AR111951
AR111951.1 GI:12828799
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Sequence 23 from patent US 6127533.
ARI11949.1 GI:12828797
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/organism="unknown"
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Unclassified.
Wanbaran,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Mancharan,M., Cook,P.Dan., Prakash,T.P. and kawasaki,A.M.
Amincoxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 20 09-UAN-2001;
Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 19)
COOK, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru...
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 44 03-OCT-2000;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
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 Patent: US 6127533-A 34 03-OCT-2000;
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Sequence 20 from patent US 6172209.
AR124843
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Sequence 44 from patent US 6127533.
AR111970.1 GI:12828818
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Loases I. (2019)

S Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.

S Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.

2'-O-amincoxy-modified oligonucleotides

AL Patent: US 6127533-A 31 03-OCT-2000;

Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 33 03-OCT-2000;
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1 (bases I to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
2'-O-aminocxy-modified oligonucleotides
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AR111957.1 GI:12828805
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Seguence 34 from patent US 6127533.
AR111960
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Sequence 33 from patent US 6127533.
AR111959.1 GI:12828807
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AR111959/C
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1 (bases 1 to 19)
Manoharan,M., Cook, P.Dan., Prakash,T.P. and Kawasaki,A.M.
Manoharan,M., Cook, P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminoxy-modified oligonuclectides and methods for making same
Patent: Us 6172209-A 25 09-JAN-2001;
Location/Qualifiers
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Manoharan, M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 712209-A 24 09-JAN-2001;
Location/Qualifiers
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Sequence 25 from patent US 6172209.
AR124848 1 GI:14110209
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Unclassified.

I (bases 1 to 19)
Manoharan, W., Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M.
Manoharan, W., Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 23 09-JAN-2001;
Location/Qualifiers
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1 (bases 1 to 19)

Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 22 09-JAN-2001;

Location/Qualifiers
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1 (bases 1 to 19)

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Manoharan, W., Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M.
Aninooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 21 09-JAN-2001;

Location/Qualifiers
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Sequence 23 from patent US 6172209.
AR124846.
AR124846.1 GI:14110207
19 bp 1
Sequence 21 from patent US 6172209.
AR124844
AR124844.1 GI:14110205
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Sequence 22 from patent US 6172209.
AR124845.1 GI:14110206
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1 (bases 1 to 19)

1 (bases 1 to 0.2)

Manoharan, W., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 33 09-JAN-2001;

Location/Qualifiers
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1 (bases 1 to 19)
Mancharan,M., Cook, P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-AN 34 09-JAN-2001;
Location/Qualifiers
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1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 44 09-JAN-2001;
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AR124867.
AR124867.1 GI:14110228
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Sequence 33 from patent US 6172209.
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AR124856.1 GI:14110217
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Unclassified.
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1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Frakash,T.P. and Kawasaki,A.M.
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 27 05-JAN-2001;
Location/Qualifiers
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Manoharan,M., Cook,P.Dan:, Prakash,T.P. and Kawasaki,A.M.
Manoharan,M., Cook,P.Dan:, Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 31 09-JAN-2001;
Location/Qualifiers
Unchassified.
Unclassified.
1 (Janshified) 1 (Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M. Manoharan, M., Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M. Aminooxy-modified oligonucleotides and methods for making same Patent: US 6172209-A 26 09-JAN-2001;
Patent: US 6172209-A 26 09-JAN-2001;
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2e+02;
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Sequence 27 from patent US 6172209.
AR124850 1 GI:14110211
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AR124850/c
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I (bases I to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 22 27-FEB-2001;
Location/Qualifiers
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.

Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.

Aminooxy-modified oligonucleotide synthetic intermediates

Patent: US 6194588-A 23 27 FEB-2001;

Location/Qualifiers
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Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 24 27-FEB-2001;
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ive 0; Mismatches 0; Indels
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Sequence 23 from patent US 6194598.
AR135294
AR135294.1 GI:14124199
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Sequence 24 from patent US 6194598.
Sequence 22 from patent US 6194598.
AR135293
AR135293.1 GI:14124198
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AR135295.1 GI:14124200
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AR135295/c
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Unclassified.
Unclassified.
1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 21 27-FEB-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                           Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 20 27-FEB-2001;
Location/Qualifiers
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1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 28+02.
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 21 from patent US 6194598.
AR135292 AR135292.1 GI:14124197
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Sequence 20 from patent US 6194598.
AR135291
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1 (bases 1 to 19)
2 (Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 33 27-FEB-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 19)
1 (bases 1 to 19)
2 (cok, P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
Aminnooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 31 27-FEB-2001;
Location/Qualifiers
        Unclassified.

1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 27 27-FEB-2001;
Location/Qualifiers
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100.0%; Pred. No. 2e+02;
cive 0; Mismatches 0; IndelB
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100.0%; Pred. No. 2e+02;
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Sequence 31 from patent US 6194598.
AR135302
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Sequence 33 from patent US 6194598.
AR135304 1 GI:14124209
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AR135304/c
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Unclassified.
1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A. Z6 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 25 27-FEB-2001;
Location/Qualifiers
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AR135297.
AR135297.1 GI:14124202
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Sequence 27 from patent US 6194598.
AR135298.1 GI:14124203
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Sequence 25 from patent US 6194598.
AR135296.1 GI:14124201
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AR135296/C
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1 (bases 1 to 19)
Manoharan,M., Mohan,V. and Boswell,H.
NNA targeted 2'-modified oligonucleotides that are conformationally
preorganized
Patent: US 6271358-A 6 07-AUG-2001;
                                                                                                                                                                                                                                                                                                                                  Unclassified.

1 (bases 1 to 19)

Heller, M.J. Tu, E., Evans, G.A. and Sosnowski, R.G.
Methods for transport in molecular biological analysis and diagnostics
Adiagnostics
Patent: US 6238624-A 16 29-MAY-2001;
Location/Qualifiers
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1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2e+02;
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Sequence 16 from patent US 6238624.
ARIS3863.1 GI:15121916
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AR153863/c
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AR164173/c
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Unknown.
Unclassified.
I (bases I to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 44 27-FEB-2001;
Location/Qualifiers
                                                                                                                                    Unknown.
Unknown.
Unclassified.
I (bases I to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oll-gonucleotide synthetic intermediates
Patent: US 6194598-A 34 27-FEB-2001;
Location/Qualifiers
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1 (bases 1 to 19)
Manoharan,M., Kawasaki,A.M., Cook,P.Dan., Fraser,A.S. and
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2'-O-acetamido modified monomers and oligomers
Patent: US 6147200-A 4 14-NOV-2000;
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                                                 Sequence 34 from patent US 6194598.
AR135305
AR135305.1 GI:14124210
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Sequence 44 from patent US 6194598.
AR135315
AR135315.1 GI:14124220
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Sequence 4 from patent US 6147200.
AR141898.1 GI:15101414
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AR141898/c
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PAT 17-0CT-2001

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E 1 (bases 1 to 19)

RS Mancharan, M. and Mohan, V.

Oligonucleotides having A-DNA form and B-DNA form conformational geometry

NAL Patent: US 6369209-A 26 09-APR-2002;

Location/Qualifiers

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Organism="unknown"

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Manoharan, M. and Mohan, V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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Patent: US 6369209-A 18 09-APR-2002;
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Sequence 18 from patent US 6369209.
AR205801.
AR205801.1 GI:21503476
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AR205801/c
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E 1 (bases I to 19)

RS Manoharan, M. and Mohan, V.

Oligonucleotides having A-DNA form and B-DNA form conformational geometry

MAL Patent: US 6369209-A 15 09-APR-2002;

Location/Qualifiers

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Unclassified.

1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational geometry
Batent: US 6369209-A 16 09-APR-2002;
Patent: Location/Qualifiers
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
geometry
Patent: US 6369209-A 17 09-APR-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
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Sequence 16 from patent US 6369209.
AR205799 1G1:21503473
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Sequence 17 from patent US 6369209.
AR205800. GI:21503474
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Seguence 15 from patent US 6369209.
AR205798
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Unclassified.
E 1 (bases 1 to 19)
SS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
[AL Patent: US 6403779-A 5 11-JUN-2002;
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Unclassified.
I (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Mancharan,M., Cook,P.D. and Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 6403779-A 4 11-JUN-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2e+02;
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Sequence 5 from patent US 6403779.
AR213494
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AR213493 4 from patent US 6403779.
AR213493.1 GI:23310724
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AR213495/c
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1 (bases 1 to 19)

Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Frassah,T.P.

Regioselective synthesis of 2'-O-modified nucleosides

Ratent: US 6403779-A 2 11-UUN-2002;

Location/Qualifiers

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1 (bases 1 to 19)

Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.

Regioselective synthesis of 2'-O-modified nucleosides

Patent: US 6403779-A 3 11-UUN-2002;

Location/Qualifiers
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and Prakash, T.P.
Regioselective synthesis of 2'-0-modified nucleosides
Patent: US 6403779-A 1 11-JUN-2002;
Location/Qualifiers
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Sequence 3 from patent US 6403779.
AR213492 GI:23310723
19 bp
Sequence 1 from patent US 6403779.
AR213490
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Sequence 2 from patent US 6403779.
AR213491. GI:23310722
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Unclassified.
I (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 12 11-JUN-2002;
Location/Qualifiers
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1 (bases 1 to 19)
Kawasaki, A.M., Fraser, A.S., Mancharan, M., Cook, P.D. and
Prakash, T.P.
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Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 14 from patent US 6403779.
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DBFINITION Sequence 15 from patent US 6403779.
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I (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Praksah,T.P.
Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 8 11-JUN-2002;
Location/Qualifiers
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Unclassified.
I (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
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Kawaeshi,A.M., Fraser,A.S., Mancharan,M., Cook,P.D. and Prakash,T.P.
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Patent: US 6403779-A 7 11-UUN-2002;
Location/Qualifiers
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Patent: US 6403779-A 6 11-UUN-2002;
Location/Qualifiers
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Sequence 8 from patent US 6403779.
AR213497 GI:23310728
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Sequence 6 from patent US 6403779.
AR213495
AR213495.1 GI:23310726
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PAT 20-DEC-2002
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Ravikumar, V.T., Manoharan, M., Capaldi, D.C., Krotz, A., Cole, D.L. and
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Patent: Wo 0202810-A 31 10-JAN-2002,
Clondiag Chip Technologies GmbH (DE)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="texon:32630"
/note="Oligonukleotidsonde"
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Sequence 1 from patent US 6465628.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
Prakash, T.P.
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1 (bases 1 to 19)
Kawasaki, A.M., Fraser, A.S., Mancharan, M., Cook, P.D. and
Prakash, T.P.
                                                                                                                                          Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 6403779-A 15 11-JUN-2002;
Location/Qualifiers
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Patent: US 6403779-A 25 11-JUN-2002;
Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 0; Indels
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Kurz, M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods
Patent: US 6429300-A 25 06-AUG-2002;
Location/Qualifiers
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Sequence 25 from patent US 6429300.
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AR222465.1 GI:23329996
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Unclassified. 1 (bases 1 to 20) Watson, J.D. and Tan, P.L.J. Methods and compounds for the treatment of immunologically-mediated
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1 (bases 1 to 20)
1 an, P., Skinner, M. and Prestidge, R.
Compounds and methods for treatment and diagnosis of mycobacterial infections
infections
Patent: US 5985287-A 83 16-NOV-1999;
Patent: US 5985287-A 83 16-NOV-1999;
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Location/Qualifiers
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Sequence 1 from patent US 5986084.
AR087520 GI:10014283
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AR080000
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AR085926
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AR087520/c
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                                                                                                                                                               synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and
   LDU87505 Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis.
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1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 20)
Cros.P., Kurfurst.R., Battail,N. and Piga,N.
Process and device for assaying a hapten
Patent: US 5849480-A 5 15-DEC-1998;
Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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AR064875.1 GI:5995091
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JP 2001525193-A/16.
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PAT 16-JUN-2001
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Unknown.
Unclassified.
( Lases 1 to 20)
Visser,E.
Compounds and methods for treatment and diagnosis of mycobacterial
infections and methods for treatment and diagnosis of mycobacterial
infections.
Location/Qualifiers
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1 (bases 1 to 20)

1 (bases 1 to 20)

Bruice, T.C. and Dev, A.P.

Deoxymucleic alkyl thiourea compounds and uses thereof

Patent: US 6169176-A 1 02-JAN-2001;

Location/Qualifiers
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 32 27-MAR-2001;
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
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Sequence 32 from patent US 6207417.
AR139960.1 GI:14482456
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Sequence 83 from patent US 6160093.
AR121692.1 GI:14105268
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20 bp
AR123335 GI:14108301
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AR123335
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1 (bases 1 to 20)
Tan, P., Hiyama, J., Visser, E., Skinner, M., Scott, L. and Prestidge, R. Mycobacterium vaccae antigens
Patent: US 6001381-A 83 14-DEC-1999;
Location/Qualifiers
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Unclassified.

1 (bases 1 to 20)
Pitsch,S., Weiss,P.A. and Jenny,L.
Ribonucleoside-derivative and method for preparing the same
Rabonucleoside-derivative and method for breparing the batent: US 5986084-A.1 16-NOV-1999;
Location/Qualifiers
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Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S. Antisense nucleic acid compound targeted to VEGF
Patent: US 6150092-A 96 21-NOV-2000;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 83 from patent US 6001361.
AR093312. GI:10020062
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Sequence 96 from patent US 6150092.
AR118970.1 GI:14100880
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Unclassified.
1 (bases 1 to 20)
1 sebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method for enhancing the effciency of gene transfer with stem cell
factor (SCF) polypeptide
Factor (SCF) polypeptide
Patent: US 6207454-A 34 27-MAR-2001;
Location/Qualifiers
      PAT 16-JUN-2001
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Stem cell factor and compositions
Patent: US 6207802-A 34 27-MAR-2001;
Location/Qualifiers
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Stem cell factor and compositions
Patent: US 6207802-A 32 27-MAR-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.16+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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AR140559
AR140559.1 GI:14483055
20 bp 1
Sequence 34 from patent US 6207454.
AR140281.
AR140281.1 GI:14482777
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Zsebo,K.O. posselman,R.A., Suggs,S.V. and Martin,F.H.
Exchor comparing the efficiency of gene transfer with stem cell
factor (SCF) polypeptide
Patent: US 6207454-A 32 27-MAR-2001;
Location/Qualifiers
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Unclassified.
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1 (bases 1 to 20)
Zesbo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 34 27-MAR-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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AR140279
AR140279.1 GI:14482775
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Sequence 34 from patent US 6207417.
AR139962.1 GI:14482458
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/organism="unknown"
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AR139962/c
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AR140281/c
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1 (bases 1 to 20)
Tan, P., Visser,E., Prestidge,R. and Watson,J.D.
Compounds and methods for treatment and diagnosis of mycobacterial infections
Parent: US 6406704-A 83 18-JUN-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
                                                               Unknown.
Unclassified.
1 (bases I to 20)
Blumberg, B.
High throughput functional screening of cDNAs
Patent: US 6274331-A 13 14 AUG-2001;
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1 (bases 1 to 20)

Rurz,M., Lohse,P. and Wagner,R.

Peptide acceptor ligation methods

Patent: US 6429300-A 26 06-AUG-2002;
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Sequence 26 from patent US 6429300.
AR222466.1 GI:23329997
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AR222466
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Unclassified.

1 (bases it to 20)
1 (bases it to 20)
Huang,Z. and Szostak,J.W.
Simple and efficient method to label and modify 3'-termini of RNA
using DNA polymerase and a synthetic template with defined overhang
nucleotides
Patent: US 6238865-A 14 29-MAY-2001;
Location/Qualifiers
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1 (bases 1 to 20)
Manoharan, M. and Maler, M.A.
Compounds, processes and intermediates for synthesis of mixed
backbone oligomeric compounds
Patent: US 6207819-A 1 27-MAR-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 14 from patent US 6238865.
AR154115. GI:15122168
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Sequence 1 from patent US 6207819.
AR141070 GI:14483566
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/organism="unknown"
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AR154115/c
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Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory on Estent: WO 0067023-A 9 09-NOV-2000,
Patent: WO 0067023-A 9 09-NOV-2000,
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)
Location/Qualifiers
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                                                                            Bayer, E. and Schewitz, J.
Method for isolating anionic organic substances from aqueous systems using cationic polymer nanoparticles
Patent: WO 9910.57-A 5 04-MAR-1999;
SUEDDEUTSCHE XALKSTICKSTOFF (DE); BAYER ERNST (DE)
Location/Qualifiers
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/mol_type="genomic DNA"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="phosphorthioate oligonucleotide"
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 17 from Patent WO0067023.
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Sequence 9 from Patent W00067023.
AX045779 GI:11344146
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1 (bases 1 to 20)

Mixkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,

Elghanian,R. and Taton,T.A.

Nanoparticles having oligonucleotides attached thereto and uses therefor
                                                                                                                                                                                                                                                                   Unkingsified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Manoharan,M. and Maier,M.A.

Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds

Patent: US 6462184-A 1 08-OCT-2002;

Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0;
 Best Local Similarity 100.0%; Pred. No. 2.1e+02; Matches 17; Conservative 0; Mismatches 0;
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Sequence 55 from patent US 6506564.
AR274394
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Sequence 1 from patent US 6462184.
AR236083
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/organism="unknown"
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PAT 30-APR-2001
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munuostimulacory nucleic acids
Patent: WO 1012972-A 565 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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munuosetimulatory nucleic acids
Parent: WO 0122972-A 560 05-AFR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
       UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
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Matches 17; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
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/wol type="genomic DNA"
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/mol type="genomic DNA"
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/organism="synthetic construct"
/mol type="genomic DNA"
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Sequence 560 from Patent W00122972.
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AX104364 556 from Patent W00122972.
AX104364.1 GI:13920561
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AX104364/c
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Noll,B.O., Schetter,C. and Krieg,A.M.
Screening for immunostimulatory dna functional modifyers
Sarben: WO 0067023-A 17 09-NOV-2000,
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)
Location/Qualifiers
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Screening for immunostimulatory dna functional modifyers
Patent: WO 0067023-A 20 09-NOV-2000;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
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| /db xref="taxon:32630"
| /nole="synthetic oligonucleotide"
| 0 c 0 g 20 t
                                                                                                         /note="modified with digoxigenin"
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 226 05-APR-2001;
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Sequence 226 from Patent WO0122972.
AX104034
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Sequence 20 from Patent W00067023.
AX045790
AX045790.1 GI:11344157
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    .20ganism="synthetic construct"
    /mol_type="genomic DNA"
    /db_xref="taxon:32630"
    /noTe="Synthetic oligonucleotide-phosphorothioate backone"

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Matches 17; Conservative 0; Mismatches 0; Indels
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Patent: WO 0197843-A 2 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Sequence 2 from Patent WO0197843.
AX354974
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AX354974.1 GI:18619641
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AX355810/c
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AX355811/c
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/mol_type="genomic DNA"
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Nanosphere, Inc. (US)
Location/Qualifiers
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 70 from Patent W00151665.
AX196239
AX196239.1 GI:15386442
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Sequence 55 from Patent WO0151665.
AXI96224.1 GI:15386427
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Elghanian, R., Taton, T.A., Park, S.J. and Li, Z.
Nanoparticles having oligonucleotides attached thereto and uses 
therefor
Patent: WO 0173123-A 70 04-OCT-2001;
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 70 from Patent WO0218643.
AX465326 GI:21899689
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Sequence 55 from Patent WO0218643.
AX465311
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Methods for enhancing antibody-induced cell lysis and treating
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Nanosphere, Inc. (US)
Location/Qualifiers
 AX355811 20 bp 1 Sequence 839 from Patent WO0197843. AX355811.1 GI:18620479
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Sequence 70 from Patent WO0173123.
AX440140. GI:21664951
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Sequence 55 from Patent WO0173123.
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1.5%; Score 17; DB 1; Le
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Sequence 560 from Patent W002053141.
AX547421
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 55 from Patent WO0246472.
AX556124 AX556124.1 GI:25899506
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 Nanoparticles having oligonucleotides attached thereto and uses therefor
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 226 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/note="random synthetic sequence"
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Sequence 226 from Patent W002053141.
AX547087.1 GI:25812231
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Sequence 556 from Patent WO02053141.
AX547417
                             Patent: WO 0218643-A 70 07-MAR-2002;
Nanosphere, Inc. (US)
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PAT 10-MAY-2003
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Oligomer Sequence-Synthetic Probe Sequence"
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Nucleic acid separation using immobilized metal affinity
chromatography
Patent: WO 0246398-A 6 13-JUN-2002;
The University of Houston System (US)
Location/Qualifiers
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Sequence 26 from Patent WO03027328.
AX741052 AX741052.1 GI:30523913
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                 AX664308 20 bp
Sequence 6 from Patent WO0246398.
AX664308
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AX741040/c
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 AX664308/c
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Nucleic acid separation using immobilized metal affinity
chromatography
Patent: WO 046398-A 5 13-JUN-2002;
The University of Houston System (US)
Location/Qualifiers
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 70 from Patent WO0246472.
AX556139
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Sequence 5 from Patent WO0246398.
AX664307
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Synthetic construct

Synthetic construct

artificial sequences.

I (bases 1 to 20)

S Segawa, Takarada, H., Aono, T. and Yoshiga, S.

Method of detecting single base polymorphism

I TOYOBO CO LTD

OS Artificial Sequence

PR 2002034599-A,9

PD 05-FEB-2002,

PD 05-FEB-2002

PP 26-JUL-2000 UP 200225354

PI MASAYA SEGAWA, HIROSHI TAKARADA, TOSHIYA AONO, SATOKO YOSHIGA PC

C1201/68, C12N15/09, C12N15/09

CC Description of Artificial Sequence: primer

FR KEY
                                                                                       buveus22 20 bp RNA linear PAT 27-AUG-2002
Ribonucleoside-derivative and method for preparing the same.
BD080522
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JP 2001516087-A1.

SM synthetic construct

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artificial sequences.

I (bases 1 to 20)

Pitsch,S., Weiss,P.A. and Jenny,L.

Ribonucleoside-detrivative and method for preparing the same retat: JP 2001515087-A 1 18-SEP-2001;

STEFAN PITSCH, PATRICK A WEISS, LUZI JENNY

OS Artificial Sequence
PN JP 2001515087-A/1

PP 18-SEP-2001

PR 18-AUG-1997 CH 1931/97

PR 18-AUG-1997 CH 2031/97

PI STEFAN PITSCH, PATRICK A WEISS, LUZI JENNY

C COTHIS/06, COTF7/18, COTHIS/16, COTHIS/102, COTHIS/100, CC

DESCRIPTION of Artificial Sequence: synthetic polynucleotide FH

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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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BD080522/c
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BD107450/c
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Tan, P., Hiyama, J., Visser, E.S., Skinner, M.A., Scott, L.M. and Prestidge, R.L.
Compounds and methods for treatment and diagnosis of Mycobacterial infections
Patent: JP 2001503969-A 26 27-MAR-2001,
GENESIS RESEARCH & DEVELOPMENT CO LTD
PN JP 2001503969-A/26
PN JP 2001503969-A/26
                                                                                   Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. whethods, kits and compositions pertaining to the suppression of dethods be binding to randomly distributed repeat sequences in genomic nucleic acid Patent: Wo 0302738-A 26 03-APR-2003; Boston Probes, Inc. (195); bakoCytomation Denmark A/S (DK) Location/Qualifiers
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/organism='Unidentified'
Location/Qualifiers
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ROSS L PRESTIDGE
AGIX39/04 AGIXS/74,CO7K14/35,C12N15/63
Strandedness: Single;
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_rref="taxon:32644"
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JP 2001503969-A/26.
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                   synthetic construct
synthetic construct
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unidentified
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BD008523
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PAT 13-MAY-1997
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Understified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Heller,M.J. and Tu,E.
Active programmable electronic devices for molecular biological analysis and diagnostics
Patent: US 5605662-A 16 25-FEB-1997;
Location/Qualifiers
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Sequence 16 from patent US 5605662.
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Sequence 13 from patent US 5968754.
AR080294.1 GI:10007029
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AR080294/c
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136180/c
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                                                                                                                                                                                                                   BD161924 20 bp DNA linear PAT 17-JAN-2003 Method for carrying out thermal cycle of PCR using DNA-immobilized
                                                                                                                                                                                                                                                                                                 synthetic construct
artificial sequences.
1 (bases 1 to 20)
Tanga.M., Okamura,H. and Takahashi,K.
Method for carrying out thermal cycle of PCR using DNA-immobilized
substrate
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1 (bases 1 to 20)

1 (bases 1 to 20)

1 Makino,K., Koyanagi,Y. and Yamamoto,N.

ANTI-HILV-1 ANTI-SENSE OLIGOWUCLECTIDE
PATENT: JP 1997052898-A 10 25-FEB-1997;
                                                                                                                                                                                                                                                                                                                                                                                    TOYO KOHAN CO LID, KOJIRO TAKAHASHI

OS Artificial Sequence

OS Artificial Sequence

DS Artificial Sequence

PD 09-UL-2002

PF 27-DEC-2000 JP 2000399573

PF 27-DEC-2000 JP 2000399573

CI2NIS/09,CI2NIS/09,CI2QI/68,CI2NIS/00,CI2NIS/00 CC Method for immobilized
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Location/Qualifiers
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                                                              Query Match
1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_kref="taxon:32630"
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 1997052898-A/10. unidentified
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BD161924.1 GI:27867682
JP 2002191369-A/1.
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Best Local Similarity 100.
Matches 17; Conservative
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E12676/C
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BD161924/c
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PAT 08-SEP-2000
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Unclassified.
Unclassified.
I watson, M.A. and Fleming, T.P.
Method for detecting the presence of breast cancer by detecting an increase in mammaglobin mRNA expression
Patent: US 6004756.A 13 21-DEC-1999;
Location/Qualifiers
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                                             PAT 08-SEP-2000
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                                                                                                                                              Unclassified.
1 (bases 1 to 21)
1 (bases 1 to 21)
1 Ergan,R. and Neckers, b.
Inhibition of protein kinase activity by aptameric action of oligonucleotides
Patent: US 5998596-A 12 07-DBC-1999;
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100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0;
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1 (bases 1 to 21)

Panner, 5.

Compositions for sorting polynucleotides

Patent: US 6140489-A 23 31-OCT-2000;
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Sequence 23 from patent US 6140489.
AR118155
AR118155.1 GI:14099061
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Sequence 13 from patent US 6004756.
AR095412. GI:10023262
                                             AR093143 21 bp
Sequence 12 from patent US 5998596.
AR093143.1 GI:10019895
                                                                                                                                                                                                                                                                       /organism="unknown"
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AR095412/c
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                 RESULT 219
AR093143/c
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TITLE
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Matson, K.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 13 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 21)
Matson, R.S., Cosssin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 10 09-NOV-1999;
Location/Qualifiers
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SFERENCE 1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.F.
Mammaglobin, a mammary-specific breast cancer protein
JOURNAL Patent: 18 5968754-A 13 19-OCT-1999;
Location/Qualifiers
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100.0%; Pred. No. 2.2e+02;
iive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0;
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AR084524
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/organism="unknown"
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Gaps

DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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TITLE JOURNAL

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RESULT 218 AR084524/c LOCUS

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RESULT 217 AR084521 LOCUS

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BD080832 21 bp DNA linear PAT 27-AUG-2002
Mammaglobin, a secreted mammary specific breast cancer protein.
BD080832
                                                              PAT 06-FEB-2002
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                                                                                                                                                                                                 Weiner, G. and Hartmann, G. Methods for enhancing and treating
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    .21
    /organism="synthetic construct"
    /mol_type="genomic DNA"
    /db xref="taxon:32630"
    /noExref="synthetic oligonucleotide-phosphorothicate backbone"

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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 912 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                           Patent: WO 0197843-A 840 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"
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Sequence 912 from Patent W002053141.
AX5477773.1 GI:25812917
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Sequence 840 from Patent WO0197843.
AX355812
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AX355812/c
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AX547773/c
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 912 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
                                                                                                                                                                                                                                                                                                                          JM Unclassified.

JE 1 (bases 1 to 21)

AS Heller, M.J. Tu,E., Evans,G.A. and Sosnowski,R.G.

Methods for transport in molecular biological analysis and diagnostics

AAL Patent: US 6238624-A 2 29-MAY-2001;

Location/Qualifiers

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tive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0;
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1. .21
-/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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                              /organism="unknown"
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AX104720/C
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Unclassified.

Unclassified.

1 (bases 1 to 21)
Heller,M.J. and Tu.E.
Active programmable electronic devices for molecular biological analysis and diagnostics
Patent: US 5605662-A 2 25-FEB-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 21)
Watson,M.A. and Fleming,T.P.
Polynuclectides encoding mammaglobin, a mammary-specific breast
cancer protein
Patent: US 5668267-A 13 16-SEP-1997;
Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0;
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Sequence 13 from patent US 5668267.
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Sequence 2 from patent US 5605662.
136166
136166.1 GI:2086679
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COMMENT Patent: UP 200151659-A/10

PD 4818519-1997 US 08/933149

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NANOGEN INC
OS Artificial Sequence
NANOGEN INC
DP 11-DEC-2001
PP 01-DEC-2001
PP
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BD087491 G1:22633101
BD087491 G1:22633101
Synthetic construct
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artificial sequences.
1 (bases 1 to 21)
Sosnowski, R.G., Butler, W.F., Tu, E., Nerenberg, M.I., Heller, M.J. and
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Topology: Linear;
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18-SEP-1997 US 08/933149
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CIZNIS/09,AGIK35/26,AGIK39/00,AGIK39/00,AGIK39/395,AGIK39/395,
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| /organism="unidentified"
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PAT 06-FEB-1997
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Unclassified.
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1 (bass 1 to 22)
Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K.
Chimeric molecules targeted to viral RNAs
Patent: US 6271369-A 19 07-AUG-2001;
Location/Qualifiers
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Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs Patent: US 6271369-A 2 07-AUG-2001; Location/Qualifiers
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CE 1 (bases 1 to 22)
RS Torrece, P., Silverman, R., Maitra, R. and Lesiak, K.
AMD Method of cleaving specific strands of RNA
NAL Patent: US 5583032-A 1 10-DEC-1996;
Location/Qualifiers
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AR164336
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Torrance, P.F., Sliverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs Patent: US 6271369-A 1 07-AUG-2001, Location/Qualifiers
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                                                                                                                                                                                                                                 Unclassified.
Unclassified.
(bases 1 to 21)
Brenner,S.
Massively parallel sequencing of sorted polynucleotides
Patent: US 6565934-A 23 09-DEC-1997;
Location/Qualifiers
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1.5%; Score 17; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 23 from patent US 5695934.
184433.1 GI:3021953
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Sequence 1 from patent US 6271369.
AR164318
AR164318.1 GI:16235432
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Sequence 2 from patent US 6271369.
AR164319 GI:16235434
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RESULT 231
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RESULT 232
AR164319/c
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PAT 01-SEP-2000
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Unclassified.
1 (bases 1 to 22)
Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
Method of cleaving specific strands of RNA and medical treatments
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Unknown...
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1 (bases 1 to 22)
1 orrence,P., Silverman,R., Maitra,R. and Lesiak,K.
Torrence,P., Silverman,R., Maitra,R. and medical treatments thereby of cleaving specific strands of RNA and medical treatments thereby.

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Patent: US 5677289-A 19 14-OCT-1997;
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Sequence 19 from patent US 5677289.
169425 1 GI:2831547
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                                 PAT 06-FEB-1997
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Corrence, P., Silverman, R., Maitra, R. and Lesiak, K.
Method of cleaving specific strands of RNA and medical treatments thereby US 5677289-A 1 14-0CT-1997;
Patent: Location/Qualifiers
1. .22
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SM Unknown.
Unclassified.
JE 1 (bases 1 to 22)
RS Torrence, P. Silverman,R., Maitra,R. and Lesiak,K.
S Torrence, P. Silverman,R., Maitra,R. and Lesiak,K.
Method of cleaving specific strands of RNA
MAL Patent: US 5583032-A 19 10-DEC-1996;
Location/Qualifiers
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Unclassified.
I (bases I to 22)
Torrence, P. (Sliverman, R., Maitra, R. and Lesiak, K.)
Method of cleaving specific strands of RNA
Parent: US 5583032-A 2 10-DEC-1996;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.38+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Sequence 19 from patent US 5583032.
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Sequence 1 from patent US 5677289.
169407 1 GI:2831529
                            131811 22 bp
Sequence 2 from patent US 5583032.
131811 GI:1822602
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Synthetic construct

synthetic construct

artificial sequences.

I (bases 1 to 23)

Mizutani,M., Sakakibara,K., Tanaka,Y., Kusumi,T. and Ono,E.

Novel glucosyltransferase gene

Patent: WO 0195509-A 3 06-DEC-2001;

INTERNATIONAL FLOWER DEVELOPMENTS PROPRIETARY LTD, MASAKO MIZUTANI,
KEIKO SAKAKIBARA, YOSHIKAZU TANAKA, TAKAAKI KUSUMI, EIICHIRO ONO

OS Artificial Sequence

PO 01-2001 WO 0192509-A/3

PP 01-JUN-2001 WO 2001JP0004675

PP 01-JUN-2001 WO 2001JP004675

PP MASAKO MIZUTANI, KEIKO SAKAKIBARA, YOSHIKAZU TANAKA, TAKAAKI PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PD 06-0EC-2001
PP 01-UN-2001 WO 2001JP004675
PP 01-UN-2000 JP 00P 170436
PI MASAKO MIZUTANI, KEIKO SAKAKIBARA, YOSHIKAZU TANAKA, TAKAAKI PI KUSHI,
PI WASAKO MIZUTANI, KEIKO SAKAKIBARA, YOSHIKAZU TANAKA, TAKAAKI PI KUSHI,
PI EITCHIRO CNO
PC CI2N15/09, C12N15/29, C12N15/54, C12N1/15, C12N1/19, C12N1/21 PC, C12N15/10, C1
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BD133515.1 GI:23228460
JP 2002051782-A/6.
SYNThetic construct
SYNThetic construct
artificial sequences.
1 (bases I to 23)
Okutsu,J., Kawaida,R., Otsuka,T. and Takahashi,W.
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/organism='Artificial Sequence'.
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                                                                                             Query Match 1.5%; Score 17; DB 1; Length 23; Best Local Similarity 100.0%; Pred. No. 2.4e+02; Matches 17; Conservative 0; Mismatches 0; Indels
            /note="probes to target sequences"
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/organism="synthetic construct"
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a 2 c 2 g 18 t
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Novel glucosyltransferase gene.
BD105197.
BD105197.1 GI:22650771
WO 0192509-A/3.
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BD105197/c
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BD133515/c
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Best Local Similarity 100.0%; Pred. No. 2.4e+02;
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E 1 (bases 1 to 23)

KS Ullrich,A. and Vogel,W.

PTP ID: a novel protein tyrosine phosphatase
PRP ID: a novel protein tyrosine phosphatase
In: 23

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1 (bases 1 to 23)

(S Ullrich,A and Vogel,W.

PTP ID: a novel protein tyrosine phosphatase

PAL Patent: US 6548641-A 15 15-APR-2003;

Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 15 from patent US 6548641.
AR306617
AR306617.1 GI:31696809
Sequence 15 from patent US 5981251.
AR084981
AR084981.1 GI:10011752
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Sequence 5 from Patent EP1186673.
AX394607 01:21065720
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Unclassified.
(In (bases 1 to 24)
Spurr, N.K., Gray, I.C. and Stewart, L.M.
Diagnosis of susceptibility to cancer and treatment thereof
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Molecular indexing for expressed gene analysis
Patent: US 5707807-A 4 13-JAN-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                      Unclassified.

1 (bases 1 to 23)

1/1 (bases 1 to 23)

1/2 (b. A. nowel protein tyrosine phosphatase patent: US 5589375-4 15 31-DEC-1996;
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Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 0;
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Sequence 82 from patent US 6287854.
AR168453.
AR168453.1 GI:17904379
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Sequence 15 from patent US 5589375.
132906
132906.1 GI:1823697
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Sequence 4 from patent US 5707807.
179497.
179497.1 GI:3207787
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articular rheumatism
Patent: JP 2002051782-A 6 19-FEB-2002;
SANKYO CO LTD
OS Artificial Sequence
PN JP 2002051782-A/6
PN JP 2002051782-A/6
PN JP 2002051782-B-2002
PN JP 2002051782-A/6
PN JP 2002051782-A/6
PN JP 2002051782-A/6
PN JP 2002051782-A/6
PN JP 1001CHI OKUTSU, REMI KAWAIDA, TOSHIAKI OTSUKA, WATARU TAKAHASHI
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/organism='Artificial Sequence'.
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Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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C12Q1/68,C07H21/02,C07H21/04,C12N15/09;
strandedness: Single;
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topology: Linear;
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INDEXING METHOD OF DNA MOLECULE
Patent: JP 1996322598-A 1 10-DEC-1996;
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    .23
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28-MAR-1995 JP 95P 696
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JP 1996322598-A/1
10-DEC-1996
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212391
E12391.1 GI:3251224
UP 1996322588-A/1.
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1 (bases 1 to 23)
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BD161931.1 GI:27867689
JP 2002191369-A/8.
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: 18 6472154-A 134 29-OCT-2002;
Location/Qualifiers
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100.0%; Pred. No. 2.5e+02;
tive 0; Mismatches 0; Indels
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18 a 4 c 0 g 2 t
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 0;
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Seguence 134 from patent US 6472154.
AR241846
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Patent: US 6287854-A 82 11-SEP-2001;
Location/Qualifiers
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Sequence 7 from Patent EP1186673.
AX394609
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BD097127.1 GI:22642701
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BD097127.1 GI:22642701
Synthetic construct
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artificial sequences.
I (Dases 1 to 24)
Tanga,M., Okamura,H., Takagi,K. and Takahashi,K.
Support for immobilizing nucleoside and process for producing the Patent: WO 0153365-A1 02-Aug-2001.
TOYO KOHAN CO LITD,MICHIFUMI TANGA,HIROSHI OKAMURA,KENICHI TAKAGI, KOJIRO PATIFICIAL Sequence
NW 00 0153365-A/1
DD 02-Aug-2001
PP 24-JAN-2000 UP 00P 019301
PP 24-JAN-2000 UP 00P 019301
PI MICHIFUMI TANGA,HIROSHI OKAMURA,KENICHI TAKAGI,KOJIRO PI
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BD097127 24 bp DNA linear PAT 27-AUG-2002 Support for immobilizing nucleotide and process for producing the
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Tanga,M., Okamura,H. and Takahashi,K.
Method for carrying out thermal cycle of PCR using DNA-immobilized
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Support for immobilizing nucleotide and process for producing
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TOYON KOHAN CO LTD, KOJIKO TAKAHASHI

OS Artificial Sequence

BN UP 2002191369-A/8

PP 27-DEC-2000 JP 200399573

PI MICHIPUMI TANGA, HIROSHI OKAMURA, KOJIRO TAKAHASHI

C12NNIS/09, C12NNIS/09, C12Q1/68, C12NNIS/00, C12NNIS/00

Carrying out thermal cycle of PCR using DNA- CC

immobilized
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Location/Qualifiers
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Gaps

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Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners Patent: WO 0183749-A 443 08-NOV-2001; WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
                                                                                                                      Barry, C., Bougueleret, L., Chumakov, I. and Cohen-Akenine, A. A bap28 gene and protein Patent: WO 0100669-A 57 04-JAN-2001; GENSET (FR)
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1.5%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
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1. .20
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Sequence 470 from Patent WO0183749.
AX298836
AX298836.1 GI:17128826
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                          synthetic construct
synthetic construct
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Mus sp.
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AX298836/c
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AX298809
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Kanbara, H., Okano, K. and Uematsu, K.
ANALYSIS OR DETECTION OF NUCLEIC ACID AND ANALYSER OR INSPECTION
DEVICE OF NUCLEIC ACID
PATENT: JP 1997149799-A 1 10-JUN-1997;
HITACHI LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OS Artificial sequences.

OC Artificial sequences.

PN JP 19971447959-A/1

PD 10-JUN-1997

PF 30-NOV-1995 JP 1995311949

PI KANBARA HIDEKI, OKANO KAZUNOBU, UEMATSU KAZUMUNE PC C1201/68, C07421/04, C12M1/00, C12N15/09, C12Q1/44, C12Q1/48, PC G01N27/447,

PC G01N27/447,

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PC G01N27/447,

FT Key

Location/Qualifiers

FH Key

FT Source

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/organism='Artificial sequences'.
Location/Qualifiers
                                             .ce 1. .24 /organism='Artificial Sequence'
Location/Qualifiers
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100.0%; Pred. No. 2.5e+02;
ive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/mol_type="taxon:32630"
/db_xref="taxon:32630"
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Sequence 57 from Patent W00100669.
AX067205 AX067205.1 GI:12544870
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'organism="unidentified"
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/db_xref="taxon:32644"
2 c 1 g
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Best Local Similarity 100.
Matches 17; Conservative
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     substrate
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AX067205/c
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PAT 12-JAN-2001
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PAT 16-MAY-2001
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Detection system for analyzing molecular interactions, production
                                                                                      Boekenkamp, D., Hoppe, H.U., Burgstaller, P., Konz, D., Woelk, U. and
                                                                                                                                                                                                                                                                                                                  Gaps
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Method for the detection of cytosine methylations
Patent: WO 0231186-A 22 18-APR-2002;
Epigenomics AG (DE)
Location/Qualifiers
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1.5%; Score 16.8; DB 1;
Best Local Similarity 90.0%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 2;
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90.0%; Pred. No. 2.6e+02;
tive 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"
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   AR123791 23 bp
Sequence 7 from patent US 6171803.
AR123791.
AR123791.1 GI:14109152
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Sequence 22 from Patent WO0231186.
AX457061
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Sequence 8 from Patent WO0071749.
AX052992
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Best Local Similarity 90.03
Matches 18; Conservative
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AX457061/c
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1 (bases 1 to 20)
Miraglia,L.J., Nerc,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 249 26-MAR-2002;
ISIS PHARMAGEUTICALS INC
DI JOHACHTIFIED
PP 26-MAR-1999 19 2002538025
PP 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 10-REN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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   Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Rose, D. and Tordoff, M.G. Reed, D.R., Rose, D. and Tordoff, M.G. dequence variation associated with sensing carbohydrate compounds and other sweeteners Patent: WO 0183749-A 470 08-NOV-2001; Patent: WO 0183749-A 470 08-NOV-2001; (US)
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C12N15/09, A61X48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
C12Q1/68,
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Antisense modulation of human MDM2 expression FH
Location/Qualifiers
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90.0%; Pred. No. 2.3e+02;
live 0; Mismatches 2; Indels
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Antieense modulation of human MDM2 expression.
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 2 c 10 g 2
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/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"
a 10 c 0 g 7
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JP 2002508944-A/249.
unidentified
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Best Local Similarity 90.0
Matches 18; Conservative
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Matches 18; Conservative
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AR123791
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RESULT 257 BD138323

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PAT 09-MAR-2001
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Binary encoded sequence tags
Patent: WO 0112855-A 7 22-FEB-2001;
YALE UNIVERSITY (US)
                                                                                                                                                                                                                                                                                                                                                                                                        Unknow...
Unclassified.
1 (bases 1 to 18)
1 (bases 1 to 18)
Kaufman, J.C., Roth, M.E., Lizardi, P.M., Feng, L. and Latimer, D.R.
Binary encoded sequence tags
Patent: US 6383754-A 7 07-MAY-2002;
Location/Qualifiers
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1.5%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 1;
                                                                                                   Match 1.5%; Score 16.6; DB 1; Local Similarity 82.6%; Pred. No. 2.8e+02; tes 19; Conservative 0; Mismatches 4;
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/db xref="taxon:32630"
/noTe="Primer"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/nofe="Komponente (b)-4"
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Sequence 7 from Patent WO0112855.
AX085253 AX085253.1 GI:13275311
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AX085253/c
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AR208427/c
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and utilization thereof
Patent: WO 0071749-A 17 30-NOV-2000;
Aventis Research & Technology GmbH & Co. KG. (DE)
Location/Qualifiers
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Detection system for analyzing molecular interactions, production and utilization thereof

Patent: WO 0071749-A 16 30-NOV-2000;

Patent: WO Research & Technology GmbH & Co. KG. (DE)

Location/Qualifiers
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82.6%; Pred. No. 2.8e+02;
tive 0; Mismatches 4; Indels
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     and utilization thereof
Patent: Wo 0071749-A 8 30-NOV-2000;
Aventis Research & Technology GmbH & Co. KG. (DE)
Location/Qualifiers
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Sequence 17 from Patent WO0071749.
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Sequence 16 from Patent WO0071749.
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Matches 19; Conservative
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AX053000/C
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Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indign, M., Kurensky, D., Luedtke, C., Lukcwiak, A.A., Lyamichev, V., Comerion, B.P., Reimer, N.D., Roeven, R., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 672 Gettion 2002; THIRD WAVE TECHNOLOGIES, INC. (US)
                                                                                                                                                                                                                                                                                         Defection system for analyzing molecular interactions, production and utilization thereof and utilization thereof Patent: WO 0071749-A 18 30-NOV-2000; Aventis Research & Technology GmbH & Co. KG. (DE) Location/Qualifiers
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85.7%; Pred. No. 3e+02;
tive 0; Mismatches 3; Indels
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94.4%; Pred. No. 3e+02;
tive 0; Mismatches 1;
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/mol_type="denomic DNA"
/note="Komponente (b)-5"
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AX598398
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Sequence 18 from Patent WO0071749.
AX053002
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Best Local Similarity 85.7
Matches 18; Conservative
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AX053002/c
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Detection system for analyzing molecular interactions, production and utilization thereof
Patent: WO 0071749-A 9 30-NOV-2000;
Patent: WO 0071749-A 9 30-NOV-2000;
Patent: Mo 00717749-A 9 30-NOV-2000;
Patent: Mo 0071749-A 9 30-NOV-2000;
Patent: Mo 0071749-A 9 30-NOV-2000;
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Best Local Similarity 94.4%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
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                                  Method for purifying oligonucleotide.

E59328.
E59328.1 GI:18622505
JP 2000342265-A/9.
Synthetic construct
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artificial sequences.
Hicos. K. and Voshida.T.
Hicos. K. and Voshida.T.
Method for purifying oligonucleotide
Patent: JP 2000342265-A 9 12-DEC-2000,
TOAGOSEI CHEM IND CO.LTD
OS Artificial Sequence
FN JP 2000342265-A/9
PR C2-UNN-1999 JP 1999154974
PR KUNIHIKO HIROSE, TADAO YOSHIDA
PC C12N15/09, BOID15/08, CIZN15/09
CC C12N15/09, BOID15/08, CIZN15/09
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Axquence 9 from Patent W00071749,
AX052993 GI:12227095
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                                   Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Unclassified.
Unclassified.
1 (basse 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligomucleotide minor grove binder conjugates
Patent: US 5801155-A 2 01-SEP-1998;
Location/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 16)
Bazile,D., Emile,C., Helene,C. and Spenlehauer,G.
Bazile,D. amile,C., Helene,C. and Spenlehauer,G.
Nucleic acid-containing composition, its preparation and use
Patent: US 5856435-A 15 05-JAN-1999;
Location/Qualifiers
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1.5%; Score 16; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 0;
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                                                                                                                 Coronary chip
Patent: WO 02072882-A 49 19-SEP-2002;
OGHAM GmbH (DE)
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Sequence 15 from patent US 5856435.
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                                                                                                  Cullen, P. and Seedorf, U.
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AR027678.1 GI:5938498
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                      Homo sapiens (human)
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AR037355/c
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                                                                                                                                                                                         Hayden, M.R., Brooks-Wilson, A.R., Pimetone, S.N. and Clee, S.M. Compositions and methods for modulating hdl cholesterol and triglyceride levels triglyceride levels batent: WO 0115676-A 199 08-MAR-2001; University of British Columbia (CA); Xenon Genetics Inc. (CA) Location/Qualifiers
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Best Local Similarity 85.7%; Pred. No. 3.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
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1.5%; Score 16.2; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 4; Indels
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                           Sequence 199 from Patent W00115676.
AX092787
AX092787.1 GI:13444844
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Tetraspan protein and uses thereof
Patent: WO 0206340-A 10 24-JAN-2002;
CHIRON CORPORATION (US)
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Sequence 10 from Patent WO0206340.
AX440932
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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PAT 26-SEP-2002
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           Unclassified.
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1 (bases 1 to 16)
Kutyavin.I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 2 30-JUL-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 16)
1 (kuyavin, T.V., Lukhtanov, E.A., Gamper, H.B. and Meyer, R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6486308-A 2 26-NOV-2002;
Location/Qualifiers
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1.5%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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Matches 16; Conservative 0; Mismatches 0;
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1 (bases 1 to 16)

Kurz, M., Lohse, P. and Wagner, R.

Peptide acceptor ligation methods

Patent: US 6429300-A 22 06-AUG-2002;

Location/Qualifiers
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Seguence 22 from patent US 6429300.
AR222462
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Sequence 2 from patent US 6486308.
AR257437.1 GI:27307448
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AR222462
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AR257437/c
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100.0%; Pred. No. 2.5e+02;
tive 0; Mismatches 0;
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Location/Qualifiers
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Location/Qualifiers
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AR104584.
AR104584.1 GI:12817292
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AR221692
AR221692.1 GI:23328764
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/organism="unknown"
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1 (bases 1 to 16)
Cech, T.R. and Nakamura, T.
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1 (bases 1 to 16)
Cech, T.R. and Lingner, J.
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REFERENCE AUTHORS TITLE JOURNAL

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1 (bases 1 to 16)

Surface-roughened slide glass and method of analyzing biological
substance using the same
substance using the same

L Surface-roughened slide glass and method of analyzing biological
substance using the same

L Surface-roughened slide glass and method of analyzing biological
substance using the same

L Surface-roughened slide glass and method of analyzing biological

Surface-roughened slide glass and method of analyzing CC

Surface-roughened slide glass and method of analyzing CC

Logological substance

C using the same
substance using the same.

BD167413

BD167413.1 GI:27873225

$ UP 2002211954-A/1.

unidentified

SM unidentified

SM unidentified

L (bases 1 to 16)

S Okamura, H., Tanga, M., Oba, M., Yamakawa, K. and Takagi, K.

S Surface-roughened slide glass and method of analyzing biological substance using the same

L Patent: UP 2002211954-A 1 31-JUL-2002;

COS Artificial Sequence

PD 31-JUL-2002

PD 31-JUL-2002
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BD167414.1 GI:27873226

UP 2002211954-A/2.
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PD 31-071-2002

PD 31-071-2002

PF 40-CCT-2001 JP 2001332778

PI HENCSHI OKAMURA, MICHIFUMI TANGA, MITSUYOSHI OBA, KAORU YAMAKAWA,

PC C03C15/00, C03C17/245, C12M1/00, C12N11/14, C12N15/09, C12N15/09,

PC C12Q1/68,

PC C12Q1/68,

PC C03C15/00, C03C17/245, C12M1/00, C12N15/00, C12N15/09, C12N15/09, C12N15/09, C12N15/09, C12N15/00, C12N15/00
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1.5%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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Nucleoside derivatives with photo-unstable protective groups
Patent: WO 0061594-A 2 19-OCT-2000;
DEUTSCHES KREBSFORSCH (DE) ; BEIER MARKUS (DE) ; HOHEISEL JOERG (DE)
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Patent: WO 0163382.A 9 30-AUG-2001,
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
Location/Qualifiers
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/mol type="genomic DNN"
/db_xref="taxon:32630"
/note="Oligonucleotid" 0 t
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Sequence 2 from Patent WO0061594.
AX039049.1 GI:11228345
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Sequence 9 from Patent WO0163282.
AX235176
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PAT 17-DEC-2001
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Unknown.
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Unclassified.
Scalonge, C. J. and Bidney, D.L.
Scalonge, C. J. and Bidney, D.L.
Gene encoding oxalate decarboxylase from aspergillus phoenices
Gene encoding oxalate decarboxylase from aspergillus phoenices
Patent: US 6297425-A 30 02-OCT-2001;

Location/Qualifiers
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1 others
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1 (bases 1 to 16)
Cook,P.D. and Sanghvi,Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 60 25-MAR-1997;
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Sequence 30 from patent US 6303846.
AR173367.
AR173367.1 GI:17912858
                                                                          l6 bp I Sequence 60 from patent US 5614617. I38700
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Sequence 30 from patent US 6297425.
AR172076.1 GI:17911026
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Scelonge, C.J. and Bidney, D.L.
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AR173367/c
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AR172076/c
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1 (bases 1 to 16)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 36 25-MAR-1997;
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Unclassified.
1 (bases 1 to 16)
Cook,P.D. and Sanghvi,Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression patent: US 5614617-A 42 25-MR-1997;
Location/Qualifiers
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/organism='Artificial Sequence'.
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Matches 16; Conservative 0; Mismatches 0; Indels
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Sequence 36 from patent US 5614617.
I38676
I38676.1 GI:2084730
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PAT 15-FEB-2002
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                                                                         PAT 10-APR-2003
                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 17)

McClelland, M., Welsh, J. and Trenkle, T.

Reduced complexity nucleic acid targets and methods of using same
Patent: US 6495319-A 8 3 17-DEC-2002;

Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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A method and an algorithm for mrna expression analysis
Patent: WO 0208461-A 231-JAN-2002;
Global Genomics AB (SE)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Double-stranded product DNA"
1 0 9 16 t
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Sequence 63 from patent US 6495319.
AR266625
AR266625.1 GI:29695689
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Sequence 24 from Patent WO0208461.
AX361606
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Sequence 5257 from Patent 1
AX692525
AX692525,1 GI:29415483
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Unknown.
Unclassified.
I (bases 1 to 17)
I (bases 1 to 17)
I (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6146398-A 2550 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, T., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
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Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, J., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, McSwiggen, J., Stinchcomb, J.
Pavco, McSwiggen, J.
P
Gene encoding oxalate decarboxylase from aspergillus phoenices Patent: US 6303846-A 30 16-OCT-2001; Location/Qualifiers
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Matches 16; Conservative 0; Mismatches 0; Indels
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Sequence 2551 from patent US 6346398.
AR187063.
AR187063.1 GI:20233028
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Sequence 2550 from patent US 6346398.
AR187062.1 GI:20233027
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1 (bases 1 to 17)
Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K. and Matsui, K.
441, a novel gene related to pollen allergy
Batent: WO 0073435-A 2 07-DEC-2000,
ATENOX RESEARCH INC, TARESHI MAGASU, YUUI SUGITA, TOMOKO KASHIWABARA,
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI
OS Artificial Sequence
NO 0073435-A/2
PD 07-DEC-2000
PF 18-MAY-2000 WO 2000JP003190
PF 18-MAY-2000 WO 2000JP003190
PR 27-MAY-1999 JP 99P 148783
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
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KAORU OSAWA, KEIKO MATSUI
C12N15/10,C12Q1/68,G01N33/15,G01N33/50
Description of Artificial Sequence:Artificially Synthesized CC
          TAKAHASHI, AKIRA YOKOI

OS Artificial Sequence

NO 0065050-A/2

PD 02-NOV-2000

PF 26-APR-1999 UP 99P 120494

PR 77-APR-1999 UP 99P 120494

PI TAKESHI NAGASU, YUJI SUGITA, TONOKO KASHIWABARA, TADAHIRO OSHIDA, PI NASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKHO IMAI, PI NEI YOSHIDA,

PI KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC 121115/12, CO7K14/47, CO7K16/18, C1201/68, G01N33/50//A61K31/00, PC CC Description of Artificial Sequence: Artificially Synthesized CC
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tive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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    .17 organism="synthetic construct"
/mol_type="genomic DNA"
/mb_xref="taxon:32630";

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1 (bases 1 to 17)
Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,
Takahashi, E. and Yokoi, A.
795, a novel gene related to pollen allergy
Patent: WO 0065050-A 2 02-NOW-2000;
GENOX RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GINVI, IZUMI OBAYASHI,
YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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BD011730 BL01170.1 GI:22091919
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                                                                          Patent: BP 1281758-A 5257 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_ref="taxon:9606"
0 c 1 g 16
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
. 1 c 0 g 16
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Homo sapiens
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Best Local Similarity 100.0
Matches 16; Conservative
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AX692526/c
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)

Nagasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.

Nagasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.

Nagasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.

National children's Hospital, Hisponia By General Director OF
NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI, YUTAKA

NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI, YUTAKA

NATIONAL SET OF WARSUI, HIROMITSA SAITO
OBAYASHI, KEIKO MATSUI, HIROHISA SAITO
OS Artificial Sequence
PN WO 165259-A/5

PP 07-SEP-2001
PP 23-FEB-2001 WO 2001JP001372
PR 02-MAX-2000 UP 00P 61832
PR 02-MAX-2000 UP 00P 61832
PR DARASHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI
HIDHIROMISA SAITO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description of Artificial Sequence: Artificially Synthesized CC
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C GOLN33/53,C12Q1/68,C12N15/12,G01N33/15,A01K67/027,A61K39/395,
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Location/Qualifiers
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 2.7e+02;
ive 0; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DKA"
/db_xref="taxon:32630"
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WO 0165259-A/5.
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Best Local Similarity 100.0%
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BD097334/c
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synthetic construct
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artificial sequences.
Gunji,S., Obayashi,I., Imai,Y., Yoshida,M., Ogawa,K., Matsui,M.,
Takahashi,E. and Yokci,A. a novel gene related to pollen allergy
betent: WO 0073439-A. 2 07-DEC-2000;
GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBAYASHI, SHIGEMICHI GUNI,IZIMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
TAKAHASHI,AKIRA YOKOI
OS Artificial Sequence
PN WO 0074439-A/Z
PN WO 0074439-A/Z
PN WO 0074439-A/Z
PN WO 0074439-A/Z
PN WO 2000JP001919
PR 27-MAY-1999 JP 99P 148784
PI TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
PI NASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
PI NEI YOSHIDA,
PI NASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
PI NEI YOSHIDA,
ATTIFICIAL Sequences ATTIFICIALIY SYNTHESIZED CC Primer
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1 (bases 1 to 17)
Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Takahashi,E. and Yokoi,A.
787, a novel gene related to pollen allergy
Partent: WO 0073440-A 2 07-DEC-2000;
GENOX RESEARCH INC TAKESHI NAGASU,YUI SUGITA, TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHICEMICHI GUNJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
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                                                                                                                                            17 bp DNA li
465, a novel gene related to pollen allergy.
BD091750
BD091750.1 GI:22637361
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787, a novel gene related to pollen allergy.
BD091773
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD091750/C
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Supribatic construct
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I (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T., Saito,H.
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T., Saito,H.
Sand Takahashi,E.
Method for examination of allergosis
Patent: WO 0233122-A 2 25-APR-2002;
GENOX RESERVET INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, RINACO NAKAGAWA YUJI SUGITA,RYOICHI
HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
SAITO, EXI TAKAHASHI
OS Artificial Sequence
PN WO 0233122-A/2
PD 25-ARP-2002
PP 11-OCT-2001 WO 2001JP008937
PP 11-OCT-2000 JP DOP 314093
PP 13-OCT-2000 JP DOP 314093
PP WIJ SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A01K67/027//C07K16/18,C12N5/10
Description of Artificial Sequence.an artificially synthesized
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PC CI2Q1/68,CIZNI5/09,GOIN33/53,GOIN33/50,CI2Q1/02,A61K48/00,
PC A01K5/027//C07K16/18,CI2N5/10
                                                                                                                                                                                                    Patent: JP 2002095500-A 2 02-APR-2002;
GENOX RESEARCH INC.THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
BN JP 2002095500-A/2
BD 02-APR-2002
PF 22-SBR-2000
PF 2002091316
PI YUJ SUGITA, RYOICHI HASHIDA, KAORU OGAWA, WASAYA OBAYASHI, PI
TAKESHI NAGASU,
                                                                                                                                                                      C12Q1/68, A01K67/027, A61K31/7088, A61K31/711, A61K45/00, A61P37/08,
C07K14/47,
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    17
    organism='Artificial Sequence'

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                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Method for examination of allergosis.
BD167835
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WO 0233122-A/2.
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AUTHORS
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GOIN33/50//C12P21/08, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GOZO TSULINOTO, BIKI TAKAHASHI
CI2N15/09, C12N5/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02, PC
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Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T.,
Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T.,
Fujimoto, G. and Takahashi, E.
Method of examining allergic disease
Patent: WO 0224903-A 2 28-MAR-2002,
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO, EIKI
                                                                                                                                                                                                                                                                                                                                                                                                          Artificial Sequence
WO 0224903-A/2
B-MAR-2002
21-SEP-2001 WO 2001JP008246
25-SEP-2000 JP 00P 291318
WO 15 SEP-2000 JP 00P 291318
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artificial somethers.
1 (bases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T. and
Tsujimoto, K.
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100.0%; Pred. No. 2.7e+02;
ive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNN"
/db_xref="taxon:32630"
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                                                                                                        DD142808 17 bp DNI
Method of examining allergic disease.
BD142808
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                                                                                                                                                                                                                                  artificial sequences.
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synthetic construct
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                      17 TAAAAAAAAAAAA
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Best Local Similarity
Matches 16; Conserv
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OS Artif
PN WO 02
PD 28-MA
PF 21-SE
PR 25-SE
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BD143834/c
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KEYWORDS
SOURCE
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                                                                       RESULT 299
BD142808/C
LOCUS
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Salto, H.

Method for examination for allergosis
Method for examination for allergosis
Patent: WO 0233069-A 18 25-ARP-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, TOMOYUKI FUKASAMA, CHUHEI NOJIRI, NOBUO
NATIONAL CHILDREN'S HOSPITAL, TOMOYUKI FUKASAMA, CHUHEI NOJIRI, NOBUO
NATIONALI, KOJI IN ISHIZAMA, YUJI SUGITA, RYOICHI HASHIDA, KAORU
CGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO
OS Artificial Sequence
PN WO 0233069-A/18
PP 25-APR-2002
PP 25-APR-2002
PP 26-EP-2001 WO 2001JP008574
PR 13-CCT-2000 JP 00P 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             C07X14/47,C07X16/18//C12P21/02,C12P21/08
Description of Artificial Sequence:an artificially synthesized
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Tsujimoto,G.

Method of examining allergic disease
Patent: WO 0250269-A. 27-JUN-2002,
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI,AKINORI OTA YOSHIKO
MATSUMOTO, YUKIHO IMAI,TADAHIRO OSHIDA, YUJI SUGITA, TAKESHI NAGASU,
GOZO TSUJIMOTO
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                                                     BD168111

17 bp DNA linear PAT 17-J
Method for examination for allergosis.
BD168111.1 GI:27873923
W0 023069-A/18.
SUGHILL: GI:27873923
W1 023069-A/18.
SUGHILL: GONSTRUCT
SYNTHACIC CONSTRUCT
SYNTHACIC CONSTRUCT
ATTIFICIAL SEQUENCE.

1 (bases I to 17)
SUGHILL: Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and
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synthetic construct
synthetic construct
artificial sequences.
1 (Dases 1 to 17)
Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Local Similarity 100.
Matches 16; Conservative
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PI HIROHISA SP
PC C12N15/09,C
A61X39/395,C
CC C07K14/47,C
CC Description
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BD171177/c
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                   RESULT 303
BD168111/c
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GOIN33/50//C12P21/08, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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CI2N15/09,CI2N5/10,C07K14/47,C07K16/18,CI2P21/02,CI2Q1/02, PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Method of examining allergic disease
Petent: WO 0226652-A 6 04-APR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASARAZU ADACHI, KAZUO MIYANAGA YUJI
SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI
NAGASUU, HIROHISA SAITO
OS ARLIficial Sequence
PN WO 0226962-A/6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             04-APR-2002
21-SEP-2001 WO 2001JP008247
26-SEP-2000 JP 00P 293021
YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,TOMOKO FUJISHIMA, PI
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T. and Saito,H.
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Location/Qualifiers
                                   /organism='Artificial Sequence' Location/Qualifiers
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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Method of examining allergic disease.
BD167907
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WO 0226962-A/6.
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PI HIROHISA SA
PC CIZNIS/09, C
CIZOI/68,
PC AOING/027,
PC GOIN33/15,
PC GOIN33/15,
CC DESCRIPTION
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BD167907/C
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                                                                                                                       PAT 28-MAR-1994
                                                                                                                                                                                                                                                                       CODING DNA FRAGMENTS FOR POLYPEPTIDES CONTAINING AT LEAST ONE ANTIGENIC DETERMINANT OF THE PAPILLOMAVIRUS PARTICULARLY OF THE 1a HAV TYPE AND CORRESPONDING POLYPEPTIDES
PATENT: WO 81303623-A9 9 27-007-1983;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 18)
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1 (bases 2 to 18)
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1 (bases 3 and Latimer, D.R., Evantural, P.M., Feng, L. and Latimer, D.R., Binary encode age acquence tags
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Patent: US 6383754-A 5 07-MAY-2002;
Location/Qualifiers
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                                                                                                            Nucleotide sequence 9 from patent number WO8303623.
A14689.1 GI:513760
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100.0%; Pred. No. 2.8e+02;
tive 0; Mismatches 0;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_tref="taxon:32644" 0
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Sequence 5 from patent US 6383754.
AR208425
AR208425.1 GI:21509576
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AR208426 GI:21509577
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MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
                                                                                                 GOZO TSUJIMOTO
CIZNIS/11,CO7K16/18,A61K67/027,A61K31/711,A61K45/00,A61K48/00,
A61P37/08,
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CI2N15/09,A61K31/00,A61K39/36,A61K45/00,C12Q1/68,C12N15/00 CC
OS Artificial Sequence
by WO 0250269-A/2
PD 27-UNN-2009
PF 21-DEC-2001 WO 2001JP011286
PR 21-DEC-2000 JP 00P 389476
PI YOSHIKO MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI TAKESHI NAGASU,
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N Pollinosis-associated gene.

N E34281. GI:18624263

E34258.1 GI:18624263

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences.

I (base 1 to 17)

Sugau, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M., Pollinosis-associated gene

D Ragau, T. Sugita, Y., Rashiwabara, T., Oshida, T., Obayashi, M., Pollinosis-associated gene

CENOX RESEARCH INC

OS Artificial Sequence

PN JP 2000106879-A/2

PD 18-AFR-2000

PD 18-AFR-2000

PD 18-AFR-2000
                                                                                                                                                 C12Q1/68, G01N33/50
Description of Artificial Sequence:'GT15A', an artificially
synthesized
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Location/Qualifiers
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1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

    17
    forganism="synthetic construct"
/moi type="genomic DNA"
/db_xref="taxon:32630"

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PAT 15-FEB-2002

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CIZNI5/09,C07K14/47,C07K16/18,C12N1/19,C12N1/21,C12N5/10, PC
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UP 2000037190-A/10.
SM synthetic construct
SM synthetic construct
artificial sequences.
E 1 (bases 1 to 18)
Mammal-derived tissue specific physiologically active protein
L Patent: UP 2000037190-A 10 08-FEB-2000;
DA Artificial Sequence
OS Artificial Sequence
PF UP 2000037190-A/10
PD 08-FEB-2000
PD 08-FEB-2000
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Mammal-derived tissue specific physiologically active protein.
E32450
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A method and an algorithm for mrna expression analysis
Patent: WO 0208461-A 18 31-JAN-2002;
Global Genomics AB (SE)
Location/Qualifiers
                                                                    11.5%; Score 16; DB 1; Length 18; 100.0%; Pred. No. 2.8e+02; ve 0; Mismatches 0; Indels
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Matches 16; Conservative 0; Mismatches 0;
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Sequence 18 from Patent WO0208461.
AX361600
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    /note="Primer"
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AX361600/c
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Binary encoded sequence tags
Patent: NO 0112855-6 6 22-FEB-2001;
YALE UNIVERSITY (US)
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Binary encoded sequence tags
Patent: WO 0112855-8 5 22-FEB-2001;
YALE UNIVERSITY (US)
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/ Organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="Primer"
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/organism="synthetic construct"
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Sequence 5 from Patent WO0112855.
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Sequence 6 from Patent WO0112855.
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PAT 18-MAY-2002
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
Mammal-derived tissue specific physiologically active protein Patent: JP 200037190-A 19 08-FEB-2000;
JAPAN TOBACCO INC.
OS Artificial Sequence
PD 08-FEB-2000
PP 23-JUL-1998 JP 1990225228
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071747-A 45 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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100.0%; Pred. No. 3.1e+02;
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/organism="synthetic construct"
/organism="synthetic construct"
/mol_type="genomic DNA"
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/nof=="seschreibung der kunstlichen
Sequenz:Brkennungssystem"
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100.0%; Pred. No. 2.8e+02;
tive 0; Mismatches 0;
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Sequence 45 from Patent WO0071747.
AX048446
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Sequence 1 from Patent EP1186673.
AX394603
AX394603.1 GI:21065716
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PC C12P2
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Synthetic construct

synthetic construct

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S Jun,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein

JAPAN TOSACCO INC

OS Artificial Sequence

PD 08-FEB-2000

PF 23-UL-198 JP 1998225228

PR JUN NISHIU,YUSUKE NAXAMURA,TOSHIHIRO TANAKA

PC C12N15/09,C07X14/47,C07X16/18,C12N1/19,C12N1/21,C12N5/10, PC

C12N15/02,

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)

PC C12N15/00,C12N15/00,(C12N5/10,C12R1:91)
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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B32459
B32459.1 GI:13018695
DP 2000037190-A/19.
Synthetic construct
synthetic construct
artificial sequences.
1 (base 1 to 18)
Jun,N., Yusuke,N. and Toshihiro,T.
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Mammal-derived tissue specific physiologically active protein
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100.0%; Pred. No. 2.8e+02;
ive 0; Mismatches 0; Indels
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(1). (18).
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JP 2000037190-A/13.
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RESULT 314 E32459/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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N JP 1999196874-A/8

PN JP 1999196874-B/8

PD 27-JUL-1999

PF 14-JAN-1998 JP 1998005399

PR HIDEKI KAMIBARA, SENSHU UEMATSU

PC C12N15/09, C12/68, G01N27/447, C12N15/00, G01N27/26 CC

Strandedness: Single;

CC Topology: Linear;

FH Key

Location/Qualifiers

FT source

/organism='Unidentified'.
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100.0%; Pred. No. 3.2e+02;
ive 0; Mismatches 0; Indels
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100.0%; Pred. No. 3.2e+02;
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Location/Qualifiers
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N Method for analyzing DNA fragment.
E28097.1 GI:13018322

JP 1999196674-A/8.

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l (bases I to 21)
Hideki, K. and Senshu, U.
Method for analyzing DNA fragment
Patent: UP 1999196874-A 8 27-JUL-1999;
HITACH LTD

OS Unidentified

N JP 1999196874-A/8

PP 14-JAN-1999 JP 1998005399
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Calibration of molecular array data
Patent: EP 1186673-A 3 13-MAR-2002,
Agilent Technologies Inc (US)
Location/Qualifiers
1. .22
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Sequence 3 from Patent EP1186673.
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Unclassified.
1 (bases 1 to 21)
Kambara,H. and Uematsu,C.
DNA fragment preparation method for gene expression profiling
Patent: US 6203988-A 8 20-MAR-2001;
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1.5%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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/note="probes to target sequences"
/ of a probes to a probes to a construct.

    21 /organism="synthetic construct"
/mol_type="genomic DNA"

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                                                                                                                 Wobler, P.K. and Delenstarr, G.C. Calibration of molecular array data Patent: EP 1186673-A 1 13-MAR-2002; Agilent Technologies Inc (US)
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Sequence 8 from patent US 6203988.
AR142678.
AR142678.1 GI:15103964
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Sequence 2 from Patent BP1186673.
AX394604.1 GI:21065717
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us09904568-1.rge

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Mammalia; Eutheria, Carnivora, Fissipedia, Canidae, Canis.

(bases 1 to 19)
Venta, P.J., Broulllette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J.
Venta, P.J., Broullette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J.
Gene-specific universal mammalian sequence-tagged sites:
application to the canine genome
Unpublished (1996)
Original source text: Canine familiaris DNA.
Gene-specific universal mammalian sequence-tagged site for ELN.
Primer for the 5' end is in exon 32. Human product is 250 bp.
Canine product is 250 bp. PCR conditions: 1 min, 94 C, 2 min, 55 C, 3 min, 7 C, 35 cycles.
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89.5%; Pred. No. 3.3e+02;
tive 0; Mismatches 2;
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/note="PCR primer binding site"
/evidence=experimental
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/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
1. 19
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ASS FRANCAISE CONTRE LES MYOPA (FR)
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_rrf="taxon:32644" 4
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Sequence 43 from Patent WO9616175.
A51174
A51174.1 GI:2303945
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Sequence 43 from Patent EP0717110.
A76999
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1 (bases 1 to 20)
Beckmann, J. and Richard, I.
IGMD gene
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A51174/c
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primer, sequence tagged
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STS; Blastin; PCR identification; PCR primer; sequence tagged situantersal mammalian STS.
Canis familiaris (dog)
Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                            Gene panel for genes involving liver regeneration. BD178777
BD178777 GI:30016044
WO 02077222-A/115.
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1.4%; Score 15.8; DB 1; Length 1
Best Local Similarity 89.5%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
                                                                                                                                                    Length 22;
                                                                                                                                                                                                 0; Indels
       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="probes to target sequences"
/ c 0 g 2 t
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Canis familiaris Elastin (ELN) STS DNA, 5'
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100.0%; Pred. No. 3.3e+02;
ive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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DOGELNA/c
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BD178777/c
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PAT 20-APR-2002
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Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying and analyzing intermediate tandem repeat DNA markers
Patent: US 6238863-A 144 29-MAY-2001;
Location/Qualifiers
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therefor
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J. and
Elghanian,R.
     Untare...
Unknown.
Unknown.
Unclassified.
1 (bases 1 to 21)
Nang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 116 19-JAN-1999;
Location/Qualifiers
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Location/Qualifiers
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Sequence 144 from patent US 6238863.
AR154094.1 GI:15122147
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Sequence 43 from patent US 6361944.
AR201966
AR201966.1 GI:20256505
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/organism="unknown"
7 c 0 g
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AR154094/c
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1.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 3.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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JP 199725798-A/12.

Unidentified
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I (bases 1 to 20)
Shimada, K and Namatame, Y.
INMOBILIZATION OF GENE
PACENT: JP 1997257798-A 12 03-OCT-1997;
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SHIMDA KAZUNORI, NAMATAMB YASUKO
GUN33/66,C12N15/09,C12Q1/68;
strandedness: Single;
topology: Linear;
hypothetical: No;
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Location/Qualifiers
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| /organism="unidentified"
| /mol_type="genomic DNA"
| /db_tref="taxon:32644" |
| 5 c 5 g 3 3
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/organism="unidentified"
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/db_xref="taxon:32644" 4
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Beckmann, J. and Richard, I. LGMD GENE
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JP 1997257798-A/12
03-OCT-1997
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PAT 10-APR-2003
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therefor
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Unclassified.
1 (bases 1 to 22)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J. and
Mirkin,R.
Bighanian,R.
Brancparticles having oligonucleotides attached thereto and uses
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and
Blghanian, R.
                                                       1 (bases 1 to 22)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and
Elghanian, R.
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Matches 17; Conservative 0; Mismatches 2;
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Location/Qualifiers
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Location/Qualifiers
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Sequence 46 from patent US 6495324.
AR266708
AR266708.1 GI:29695778
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Sequence 43 from patent US 6495324.
AR266705.
AR266705.1 GI:29695775
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/organism="unknown"
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J. and
Elghanian,R.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and
Blghanlan, R.
Nanoparticles having oligonucleotides attached thereto and uses
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
1. .22
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Location/Qualifiers
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Sequence 46 from patent US 6417340.
AR218064 1 GI:23318469
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Sequence 43 from patent US 6417340.
AR218061. GI:23318466
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Sequence 46 from patent US 6361944.
AR201969.1 GI:20256508
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AR218064
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AR218061
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PAT 28-AUG-2001

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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Blghanian, R., Taton, T.A. and Li, Z.
Nanoparticles having oligonucleotides attached thereto and uses
therefor WO 015165-A 43 19-JUL-2001;
Nanosphere, Inc. (US)
Location/Qualifiers
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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AX196212 22 bp DNA Sequence 43 from Patent W00151665. AX196212 AX196212.1 GI:15386415
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Sequence 46 from Patent WO0151665.
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IE (bases 1 to 22)

% Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Raphanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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(bases 1 to 22)

Mixia, C.A., Lessinger, R.L., Mucic, R.C., Storhoff, J.J.,
Blghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses therefor
therefor
Patent: US 6506564-A 46 14-JAN-2003;
Location/Qualifiers
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
                                                     Query Match
Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Sequence 46 from patent US 6506564.
AR274385 AR274385.1 GI:29706831
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Sequence 43 from patent US 6506564.
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/organism="unknown"
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Blghanian, R., Taton, T.A. and Li, Z.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
Patent: WO 10151655-A 46 19-JUL-2001;
Nanosphere, Inc. (US)
Location/Qualifiers . 0 Length 22; Query Match
1.4%; Score 15.8; DB 1; Length 2;
Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels linear AX440113 22 bp Sequence 43 from Patent WO0173123. AX440113 GI:21664924 RESULT 338
AX440113
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PAT 16-JUL-2002
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Elghanian, R., Taton, T.A., Park, S.J. and Li, Z.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
Patent: WO 0173123-A 73 04-OCT-2001;
Nanosphere, Inc. (US)
Location/Qualifiers
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// Organism="synthetic construct"
// Mol type="genomic DNA"
// db_xref="taxon:32630"
// note="random synthetic sequence"
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/db_xref="taxon:32630"
/note="random synthetic sequence"
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Nanosphere, Inc. (US)
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Sequence 43 from Patent WO021B643.
AX465299 AX465299.1 GI:21899662
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Sequence 46 from Patent WO0218643.
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                                                                    Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Elghanian, R., Taton, T.A., Park, S.J. and Li, Z. Nanoparticles having oligonucleotides attached thereto and uses
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Matches 17; Conservative 0; Mismatches 2; Indels
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|/mol type="genomic DNA"
|/db_xref="texon:32630"
|/noTe="random synthetic sequence"
| noTe="random synthetic sequence"
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/db_xref="taxon:32630"
/note="random synthetic sequence"
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Patent: WO 0173123-A 43 04-OCT-2001;
Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 46 from Patent WO0173123.
AX440116 GI:21664927
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Sequence 73 from Patent WO0173123.
AX440143 GI:21664954
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// Organism="synthetic construct"
// mol_type="genomic DNA"
// db_xref="taxon:32630"
// note="random synthetic sequence"
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/mol type="genomic DNA"
/note="random synthetic sequence"
/note="random synthetic sequence"
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89.5%; Pred. No. 3.6e+02;
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 46 from Patent W00246472.
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AX556115.1 GI:25899497
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Sequence 73 from Patent W00246472.
AX556142. GI:258999524
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Best Local Similarity 89.5%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
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/note="random synthetic sequence"
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/db_xref="taxon:32630"
/note="random synthetic sequence"
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89.5%; Pred. No. 3.6e+02;
sive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Nanosphere, Inc. (US)
Location/Qualifiers
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 73 from Patent W00218643.
AX465329
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Sequence 43 from Patent WO0246472.
AX556112.1 GI:25899494
 Location/Qualifiers
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1 (bases 1 to 22)

1 (bases 1 to 21)

2 Exurkow, B., Proll, S., Paeper, B. and Staehling-Hampton, K. Methods for identifying genomic deletions
Patent: US 6475739-A 90 05-NOV-2002;
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Brunkow,M.B., Proll.S., Paeper.B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475739-A 94 05-NOV-2002;
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ilarity 81.8%; Pred. No. 3.88+02;
Conservative 0; Mismatches 4; Indels
           Query Match 1.4%; Score 15.6; DB 1; Length 22; Best Local Similarity 81.8%; Pred. No. 3.8e+02; Matches 18; Conservative 0; Mismatches 4; Indels
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tive 0; Mismatches 4;
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Sequence 90 from patent US 6475739.
AR242944.1 GI:27289606
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Sequence 90 from Patent WO0210455.
AX384996.1 GI:19578124
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/organism="unknown"
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Sequence 94 from patent US
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Patent: JP 2002502606-A 144 29-JAN-2002;
PROMEDA CORP
OS Unidentified
PN JP 2002502606-A/144
PD 29-JAN-2002
PR 04-FEB-1999 UP 2000530608
PR 04-FEB-1999 US 09/018584
PI JAMES W SCHUMA, UBFFREY W BACHER
PC C12N15/09,C1201168,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Material and method for specifying and analyzing medium-size
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Schumm,J.W. and Bacher,J.W.
Material and method for specifying and analyzing medium-size tandem
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Material and method for specifying and analyzing medium-size tandem
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1 (bases 1 to 22)

1 (bases 1 to 22)

Wernsy, G.A. and Smith, M.W.

Method for generation of sequence sampled maps of complex genomes

Patent: US 5851/60-A 104 22-DEC-1998;

Location/Qualifiers
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Location/Qualifiers
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Pred. No. 3.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
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Conservative 0; Mismatches
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/db_xref="taxon:32644"
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                              1076 CAACTATTAAAAAAAA 1094
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BD130200.1 G1:23225145
JP 200250266-A/144.
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Patent: EP 1281758-A 5259 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Seguence 5256 from Patent EP1281758.
AX692524
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                                                                                                                                             0; Mismatches
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 94.1<sup>§</sup>
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   Aeomica, Inc. (US)
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Methods for identifying genomic deletions
Patent: Wo 0210455-A 94 07-FEB-2002;
Cellteck R & D. Inc. (US); Straehling-Hampton, Karen (US)
Location/Qualifiers
                                                     Brunkow,M.E., Proll,S. and Paeper,B.
Methods for identifying genomic deletions
Patent: Wo 0210455-A 90 07-FEB-2002;
Celltech R & D. Inc. (US) ; Straehling-Hampton, Karen (US)
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1.4%; Score 15.6; DB 1;
Best Local Similarity 81.8%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 4;
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/ Organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer"
                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:22630"
/note="PCR primer"
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Sequence 5255 from Patent EP1281758,
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Sequence 94 from Patent WO0210455.
AX385000
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Butheria; Prímates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1;
1.4%; Score 15.4; DB 1;
94.1%; Pred. No. 3.3e+02;
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E32457 Ammal-derived tissue specific physiologically active protein. E32457
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C12N15/00,
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CIZNI5/09, CO7K14/47, CO7K16/18, CIZNI/19, CIZNI/21, CIZNS/10, PC
                                      JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

1 (bases 1 to 18)

Jun, Y. Yusuke, N. and Toshihiro, T.

Mammal-derived tissue specific physiologically active protein

Patent: JP 200037190-A 17 08-FEB-2000;
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94.1%; Pred. No. 3.5e+02;
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94.1%; Pred. No. 3.5e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:22630"
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/organism="synthetic construct"
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PD 08-FFB-2000
PF 23-JUL-1998 JP 1998225228
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Nammal-derived tissue specific physiologically active protein.

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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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JP 2000037190-A/14.
synthetic construct
artificial sequences.
1 (bases 1 to 18)
3 Un.,N., Yusuke,N. and Toshihiro,T.
Mammal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 14 08-FBB-2000;
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Mammal-derived tissue specific physiologically active protein.
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/organisa="synthetic construct"
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Detection system for separating constituents of a sample and production and use of the same Patent: WO 0071747A 34 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Detection of partly complementary nucleic acid fragment Patent: EP 1065278-A 5 03-JAN-2001;
FUJI PHOTO FILM CO., LID. (JP)
Location/Qualifiers
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Best Local Similarity 94.1%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="sample nucleic acid fragment"
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/mol type="genomic DNA"
/db xref="taxon:32630"
/note="beschreibung der kunstlichen
Sequenz:Erkennungssystem"
                                                                       DNA
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                                                                     20 bp
Sequence 34 from Patent WO0071747.
AX048435
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Sequence 5 from Patent EP1065278.
AX136903
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                       18 bp DNA linear PAT 18-JUN-2001 Mammal-derived tissue specific physiologically active protein.
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                                                        Mammal-derived tissue specific physiologically active protein.
B22458.1 GI:13018694
Up 2000303190-4/18.
Synthetic construct
swithetic construct
swithetic construct
swithetic construct
swithetic construct
swithetic construct
artificial sequences.
Jun,N., Yusuke,N. and Toshihiro,T.
Japan ToshCo III
JAPAN TOSHCO 180
D Artificial Sequence
phy Up 2000037190-4/18 08-FEB-2000,
D Artificial Sequence
phy Up 2000037190-4/18
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Phy 200003719
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Makino,Y., Abe,Y., Takagi,M., Takenaka,S., Yamashita,K. and
Ogawa,M.
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 5 from patent US 6399305.
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PAT 31-JAN-2002
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PD 30-JAN-2001
PP 15-JUL-1999 JF 1999201279
PR TSUYOSHI OGANARA, MIKIO SUZUKI, KOICHI OZAKI
PI TSUYOSHI OGANARA, MIKIO SUZUKI, KOICHI OZAKI
PI GINIS/09, CONXI4/47, CI2NI/15, CI2NI/19, CI2NI/21, PC
CI2NIS/100, A61K48/00, CI2P21/02, CI2NIS/00, CI2NIS/00, A61K37/02 CC
                                      PAT 20-DEC-2002
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                                                                                                                                      Unclassified.

1 (bases 1 to 21)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 119 29-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.4%; Score 15.2; DB 1; Length 16; 93.8%; Pred. No. 3.4e+02; ive 1; Mismatches 0; Indels
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                                         linear
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Location/Qualifiers
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94.1%; Pred. No. 4e+02;
tive 0; Mismatches 1;
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Ogawara, T., Suzuki, M. and Ozaki, K.
TSA7005 gene
Patent: JP 2001025389-A 3 30-JAN-2001;
OTSUKA PHARMACEUT CO LTD
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                                      21 bp Dl
Sequence 119 from patent US 6472154.

    .16
    /organism="unidentified"
    /mol type="genomic DNA"
    /db_xref="taxon:32644"

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JP 2001025389-A/3.
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Best Local Similarity 93.8
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Best Local Similarity 94.1
Matches 16; Conservative
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TSA7005 gene.
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                          Rattus sp.
Bukttus sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae;
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae,
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Best Local Similarity 94.1%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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Location/Qualifiers
                                                                                                            Fluehmann, B., Heim, M., Hunziker, W. and Weber, P.
Use of phytanic acid for the treatment of diabetes
Patent: EP 1177789-A 16 06-FEB-2002;
Roche Vitamins AG (CH)
Location/Qualifiers
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1.4%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 1;
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/organism="Rattus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10118"
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/organism="Rattus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10118"
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JP 2002104964-A/16.
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 AX361132.1 GI:18693778
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BD144749
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PAT 12-JAN-2001
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Detection system for separating constituents of a sample and production and use of the same

In Patent: WO 0071747 35 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)

Location/Qualifiers

1. .20

// Organism="synthetic construct"
// Mol_type="genomic DNA"
// Ab zref="taxon:32630"
                                                                                                                                                                                                                                                                         Unknown.
Unclassified.
1 (bases 1 to 20)
1 (bases and Unematsu, C.
Kambara, H. and Unematsu, C.
DNA fragment preparation method for gene expression profiling
Patent: US 6203988-A 7 20-WAR-2001;
Location/Qualifiers
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1.4%; Score 15.2; DB 1; bength 20;
Best Local Similarity 85.0%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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85.0%; Pred. No. 4.1e+02;
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Sequence 40 from Patent WO0071747.
AX048441. GI:12225605
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Sequence 35 from Patent WO0071747.
AX048436
                                                                                                                                       20 bp
Sequence 7 from patent US 6203988.
AR142677
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synthetic construct
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Best Local Similarity 85.0
Matches 17; Conservative
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AX048441/c
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PN JP 201078772-A/3

PN JP 201078772-A/3

PD 27-MAR-2001

PF 07-SEP-1999 JP 1999253186

PR MORITO KADOTA, YOSHIYUKI FUJIWARA, RYUJI WATANABE, KOICHI OZAKI

PC CL2N15/09, C07K14/82, C07K16/32, C12N1/15, C12N1/19, C12N1/21, PC

G12N5/10, C12Q1/68,

PC G01N33/12, A61K39/395, A61K4900, A61P35/00, A61P35/04, C12P21/08, PC

A61K39/395, A61K39/395, A61K49/00, A61P35/00, A61P35/04, C12P21/08, PC

C12N15/00,

PC C12N15/00

CC T2N15/00

CC T2N15/00

FT SOURCE 1. .16

FT SOURCE 1. .16
                              LUNX gene and method for detecting micrometastasis of cancer. E53842
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Kozian, D. and Reuner, B.
Two-color differential display as a method for detecting regulated
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Kadota,M., Pujiwara,Y., Watanabe,R. and Ozaki,K.
LUNX gene and method for detecting micrometastasis of cancer
Patent: JP 20010/9772-A 3 27-MAR-2001;
OTSUKA PHARMACEUT CO LTD
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Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 1; Mismatches 0; Indels
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Patent: US 6342376-A 2 29-JAN-2002;
Location/Qualifiers
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Sequence 2 from patent US 6342376.
AR183909
AR183909.1 GI:20227878

    16. 16
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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JP 2001078772-A/3.
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RESULT 367
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BD141108 A highly gensitive method for detecting nucleic acids.
BD141108
BD141108.1 GI:23236053
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Godowski, F.J., Gurney, A.L., Smith, V., Tumas, D., Wood, W.I., Grimaldi, C.J., Hillan, K.J., Paoni, N.F., Roy, M.A. and Watanabe, C.K. Secreted and transmembrane polypeptides and nucleic acids encoding the same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Artificial Sequence
JP 2001321190-A/2413
20-1001-2001
12-MAR-2001
BIICHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566,
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A method of arraying genome clone
Patent: JP 2001321190-A 2413 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Description of Artificial Sequence:Synthetic DNA
Location/Qualifiers
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                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide probe"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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t
                                                                      Patent: WO 0078961-A 447 28-DEC-2000;
Genentech Inc. (US)
Location/Qualifiers
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A method of arraying genome clone.
BD090169.
BD090169.1 GI:22635779
JP 2001321190-A/2413.
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Eaton,D.L., Gao,W.Q., Pan,J., Botstein,D., Fong,S., Goddard,A.,
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                                                                      Boekenkamp,D., Hoppe,H.U. and Burgstaller,P.
Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071747-A 40 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
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85.0%; Pred. No. 4.1e+02;
tive 0; Mismatches 3; Indels
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/note="Hypothetical Probe Sequence"
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DN JP 199919674-A/7

PN JP 1999196874-A/7

PD 27-JUL-1999

PP 14-JAN-1998 JP 1998005399

PR HIDEKI KAMIBARA, SENSHU UEMATSU

PI COL15/09/012Q1/68,GO1N27/447,CI2N15/00,GO1N27/26 CC

Strandedness: Single;

CC Topology: Linear;

FH Key

Location/Qualifiers

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/organism='Unidentified'.
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Tait,J.F. and Brown.D.S.
Annexin derivative with endogenous chelation sites
Patent: US 6323313-A 10 27-NOV-2001;
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Pred. No. 4.3e+02;
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Hideki, K. and Senshu, U.
Mehtod for analyzing DNA fragment
Parent: JP 1999196874-A 7 27-JUL-1999;
HITACHI LTD
OS Unidentified
PD 27-JUL-1999
PP 14-JAN-1999 JP 1998005399
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Method for analyzing DNA fragment.
E28096.1 GI:13018321
JP 1999196874-A/7.
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Sequence 10 from patent US 6323313.
AR265475.1 GI:28073919
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Description of Artificial Sequence: Synthetic DNA FH
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llarity 85.0%; Pred. No. 4.1e+02;
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Patent: WO 02072815-A 47 19-SEP-2002;
EIICHI SOBDA,TAKESHI KUKITA
OS Artificial Sequence
PN WO 02072815-A/47
PF 17-YAY-2001
PF 17-YAY-2001
PR 12-YAR-2001 JP 01P 68285
PR 12-YAR-2001 JP 01P 68285
PR IICHI SOBDA
CC CLOXIS/O9,CL2Q1/68
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KEYWORDS SOURCE ORGANISM

AUTHORS TITLE JOURNAL REFERENCE

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PAT 29-SEP-1999
                                    Unknown.
Unclassified.
Unclassified.
Unclassified.
I (bases 1 to 15)
I treschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Nelson, J.S. and Schultz, R.G.
Synthons for synthesis of oligonuclectide N3-PS phosphoramidates
Patent: US 5859233-A 3 12-JAN-1999;
Location/Qualifiers
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Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Hirschbein, B. Santhesis of Oilgonucleotide N3-P5 phosphoramidates
Patent: US 5859233-A 4 12-JAN-1999;
Location/Qualifiers
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1 (bases 1 to 15)
Chatelain,F. and Kumarev,V.
Process for preparing polymucleotides on a solid support in a tightly packed bed
tightly packed bed
Patent: US 5869643-A 10 09-FBB-1999;
Location/Qualifiers
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Sequence 10 from patent US 5869643.
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Syngenta Participations AG (CH) ; Universitaet Zuerich (CH)
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Matches 15; Conservative 1; Mismatches 0;
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B5.0%; Pred. No. 4.3e+02;
rative 0; Mismatches 3;
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1 (bases 1 to 21)

Ling, V. and Dunussi-Joannopoulos, K.

GL50 nucleic acids and uses therefor

Patent: US 6521749-A 7 18-FEB-2003;
0; Mismatches
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AR282662 GI:29719272
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Sequence 3 from patent US 5859233.
AR029402
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Sequence 9 from Patent WO0206490.
AX356851
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                           600 TGGCGGGTGGACGTGGCCAT 619
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Best Local Similarity 85.0
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AR029402/c
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AR282662/C
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AX356851/c
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           Unknown.
Unclassified.
Unclassified.
In (bases 1 to 15)
Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Nelson, J.S. and Schultz, R.G.
Solid phase synthesis of oilgonucleotide N3'-P5' phosphoramidates
Patent: US 5824793-A 3 20-00T-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unclassified.

1 (bases 1 to 15)
Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Nelson, J.S. and Schultz, R.G.
Solid phase synthesis of oligonucleotide N3'-P5' phosphoramidates
Patent: US 5824793-A 4 20-OCT-1998;
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Unclassified.
1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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Patent: US 5837542-A 361 17-NOV-1998;
Location/Qualifiers
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1.4%; Score 15; DB 1; L
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0;
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Sequence 361 from patent US 5837542.
AR056157
AR056157.1 GI:5981734
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Sequence 4 from patent US 5824793.
AR049971.
AR049971.1 GI:5971963
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                                                                                                                                                                                                                                                         Unknown...
Unknown...
Unclassified.

Inclassified.
1 (bases 1 to 15)
Chatclain,F. and Kumarev,V.
Process for preparing polynucleotides on a solid support in fightly packed bed
tightly packed bed
Patent: US 5869643-A 16 09-FBB-1999;
Location/Qualifiers
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Leclerc, G. and Martel, R.
Radiolabeled DNA oligonucleotide and method of preparation
Patent: US 5821354-A 2 13-0CT-1998;
Location/Qualifiers
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Larity 100.0%; Pred. No. 3.5e+02;
Conservative 0; Mismatches 0; Indels
Query Match 1.4%; Score 15; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 3.5e+02; Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 16 from patent US 5869643.
AR034898
AR034898.1 GI:5950503
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Sequence 2 from patent US 5821354.
AR048768 GI:5971111
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Sequence 3 from patent US 5824793.
AR049970. GI:5971962
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1 (bases 1 to 15)

Dellinger, D.J., Dahm, S.C., Ilsley, D.D., Ach, R.A. and Troll, M.A. Hybridiaation assay signal enhancement

Hybriti 25 6103474-A 4 15-AUG-2000;

Location/Qualifiers
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1 (bases 1 to 15)

Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas. Oligonucleotide repeat arrays
Patent: US 5981185-A 9 09-NOV-1999;
Location/Qualifiers
                           (Dasses 1 to 15)
Matson, R.S., Cassin, P.J., Rampal, J.B. and Caskey, C.Thomas. Oligonucleotide repeat arrays
Patent: US 5991185-A 5 09-NOV-1999;
Location/Qualifiers
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1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 9 from patent US 5981185.
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Sequence 4 from patent US 6103474.
AR105981. GI:12820046
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AR105981/c
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Unclassified.
I (bases 1 to 15)
Pecker, I., Vlodavsky, I. and Peinstein, E.
Polynuclectide encoding a polypeptide having heparanase activity and expression of same in transduced cells
Patent: US 5968822-A 5 19-OCT-1999;
Location/Qualifiers
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Grimm.S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 362 17-NOV-1998;
Location/Qualifiers
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Sequence 362 from patent US 5837542.
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AR056158.1 GI:5981735
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Sequence 5 from patent US 5968822.
AR080676 GI:10007406
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Unclassified.

Declaration.

RS Buchardt.O., Egholm, M., Nielsen, P.E. and Berg, R.H.

RS Buchardt.O., Egholm, M., Nielsen, P.E. and Berg, R.H.

Use of nucleic acid analogues in diagnostics and analytical procedures

Drocedures

NAL Patent: US 6387163-A 20 19-MAR-2002;

ES Location/Qualifiers

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I (bases 1 to 15)
Buchards, C., Egholm, M., Nielsen, P.E. and Berg, R.H.
Use of nucleic acid analogues in diagnostics and analytical
          Many, J.H.
Antiviral anticancer poly-substituted phenyl derivatized
Oligoribonucleotides and methods for their use
Patent: US 6291438-A 1 18-SEP-2001;
Location/Qualifiers
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Patent: US 6357163-A 19 19-MAR-2002;
Location/Qualifiers
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Sequence 19 from patent US 6357163.
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1 (bases 1 to 15)

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2 (bases 1 to 15)

3 (bases 1 to 15)

5 (bases 1 to 15)

8 (bozyme treatment of diseases or conditions related to levels of intercellular adheaion molecule-1 (ICAM-1)

Patent: US 613267-A 361 17-OCT-2000;
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Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 362 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Sequence 362 from patent US 6132967.
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Sequence 361 from patent US 6132967.
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AR113915.1 GI:14094237
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RESULT 395
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PAT 12-JAN-2001
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071/8 7-8 6 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Patent: WO 0028046-A 4 18-MAY-2000;
NESTLE SA (CH); MARRACCINI PIERRE (FR); ROGERS JOHN (FR)
Location/Qualifiers
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/organism="synthetic construct"
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systems using cationic polymer nanoparticles Patent: WO 9910527-A 6 04-MAR-1999; SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE) Location/Qualifiers
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/organiam="synthetic construct"
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Sequence 6 from Patent W00071747,
AX048407
AX048407.1 GI:12225571
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Uncases 1 to 15)
1 (bases 1 to 15)
McClelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same Patent: US 6495319+A 68 17-DEC-2002;
Location/Qualifiers
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Kurz, M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods
Patent: US 6429100-A 21 06-AUG-2002;
Location/Qualifiers
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Sequence 68 from patent US 6495319.
AR266630
AR266630.1 GI:29695694
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Sequence 21 from patent US 6429300.
AR222461. GI:23329992
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Sequence 6 from Patent W09910527.
AX004877 1 GI:9928277
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Branched compound for use in nucleic acid detection and analysis
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Branched compound for use in nucleic acid detection and analysis
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/wol_type="genomic DNA"
/db_xref="taxon:32630"
/hote="stem of branched oligonucleotide - base 1
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Matches 15; Conservative 0; Mismatches 0; Indels
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LION Bioscience AG (DE); VBC Genomics GmbH
Location/Qualifiers
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100.0%; Pred. No. 3.5e+02;
tive 0; Mismatches 0;
100.0%; Pred. No. 3.5e+02; tive 0; Mismatches 0;

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Patent: WO 0146464-A 3 28-JUN-2001;
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Sequence 3 from Patent WO0146464.
AX180140
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Sequence 4 from Patent EP1111068
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Branched compound for use in nucleic acid detection and analysis
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LION Bioscience AG (DE) ; VBC Genomics GmbH (AT)
Location/Qualifiers
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/note="oligo dA"
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Kahmann, S. and Mueller, O.
Methods for detecting mutations
Patent: WO 02066675-A 3 29-AUG-2002;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V. (DE)
Location/Qualifiers
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Sequence 336 from Patent EP1260586.
AX633197.1 GI:28468811
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Sequence 1 from Patent W002066675.
AX525141.1 GI:25170126
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AX555143
AX525143.1 GI:25170128
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Cellular Kinases involved in cytomegalovirus infection and their
inhibition
Patent: BP 1201765-A 1 02-MAY-2002;
Axxima Pharmaceuticals Aktiengesellschaft (DE)
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Branched compound for use in nucleic acid detection and analysis
reactions
Patent: WO 0146464-A 4 28-JUN-2001;
LION Bioscience AG (DE)
Location/Qualifiers
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1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 4 from Patent WO0146464.
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REFERENCE AUTHORS

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DNA linear PAT 27-AUG-2002 Polymucleotide encoding polypeptide having heparanase activity and Expression of the polypeptide in induced cell.
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           Hammonds, T.R.
Method and polynukleotides for assaying the activity of a dna modifying enzyme parent: WO 3008643-A 6 30-JAN-2003;
Patent: WO 03008643-A 6 30-JAN-2003;
Cancer Research Technology Limited (GB)
Location/Qualifiers
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/organism="synthetic construct"
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/noTe="Polyadenylation region"
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1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
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                               Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: EP 1260586-A 336 27-NOV-2002;
Patent: EP 1260586-A 336 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 6 from Patent W003008643.
AX696087.
AX696087.1 GI:29419249
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Sequence 338 from Patent EP1260586.
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PAT 27-APR-1998
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Tei,I., Nakada,K., Ito,T., Horiuchi,H., Ota,A., Takagi,M.,
Tei,I., Nakada,K., Ito,T., Horiuchi,H., Ota,A., Takagi,M.,
S.RIBONUCLEASE SPECIFIC TO STYLE AND DNA SEQUENCE CODING THEREFOR
PATENT: JP 1994335389-A 7 06-DEC-1994;
KAGOME CO LID
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OTA AKINORI,
PI TARAGI MASAMICHI, TSUBURA HIROKAZU, TANAKA HIROSHI, PI
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RS Tei, I., Minami, K. and Takagi, M.
S - RIBONUCLEASE GENE AND PROMOTER SEQUENCE
L Patent: JP 1997028381-A 8 04-PEB-1997,
TEI ITSUKIYON, MINAMI KOUKICHI, TAKAGI MASAMICHI
OS None
OC Artificial sequences
PN JP 1907077
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JP 1994335389-A/7
06-DEC-1994
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E12591.1 GI:3251423
JP 1997028381-A/8.
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Nontforte, J.A., Becker, C.H., Pollart, D.J. and Shaler, T.A.

Releasable norvolatile mass-label molecules
Releasable norvolatile
Rel
& DEVELOPMENT LTD
OS Nucleic acid
DN 19-2001514855-A/5
PN 19-SEP-2001
PF 31-AG-1998 US 2000508806
PR 02-SEP-1997 US 08/922170,02-JUL-1998 US 09/109386 PI
RIS PECKER, ISRAEL VLODAVSKY, FEINSTEIN ELENA
PC GI2N15/09, AG1R38/00, AG1P9/10, AG1P17/00, AG1P29/00, PC
PC AG1P37/00,
PC AG1P43/00, C12N5/10, C12N9/24, C12Q1/68, G01N33/15, G01N33/50// PC
                                                                                                                 PC AGLP43/00, CL2NS/10, AGLP9/10, AGLP17/00, AGLP29/00, AGLP35/00, PC AGLP43/00, CL2NS/10, CL2NS/24, CL2Q1/68, GOJN33/15, GOJN33/50// PC AGLX39/395, CL2NS/10, AGLX37/02, CL2NS/00 CC POlynucleotide encoding polypeptide having heparanase activity cc expression and
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Description of Artificial Sequence: oligo dT15 primer FH
Location/Qualifiers
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Releasable nonvolatile mass-label molecules.
BD084687
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100.0%; Pred. No. 3.5e+02;
ative 0; Mismatches 0;
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100.0%; Pred. No. 3.5e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630",
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/organism="unidentified"
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/db_xref="taxon:32644"
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BD084687/c
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PAT 26-SEP-2002
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Unknown.
Unclassified.

I (bases 1 to 16)

I (bases 1 to 16)

Kutyavin.I.V., Lukhtanov, B.A., Gamper, H.B. and Meyer, R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 3 30-JUL-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.
Unclassified.
1 (bases)
1 linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 4 30-JUL-2002;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0;
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6426408.
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25quence 3 from patent US 6426408.
AR221693.1 GI:23328765
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/organism="unknown"
^ 0 c 0 g
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AR221694
AR221694.1 GI:23328766
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AR221695/c
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AR221694/c
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Unclassified.
1 (bases 1 to 15)
Cook, P.D., Delecki, D.J. and Guinosso, C.
Acyclic nucleoside analogs and oligomucleotide sequences containing
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Unclassified.
Unclassified.
1 (bases 1 to 15)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression patent: US 5614617-A 1 25-WAR-1997;
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               24-JUL-1995 JP 1995187557
TEI ITSUKIYON, MINAMI KOUKICHI, TAKAGI MASAMICHI PC
15/09,C07H21/04,C12N1/21//A01H1/00,C12NS/10,C12N9/22,
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Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
| a 0 c 0 g 15
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Sequence 1 from patent US 5614617.
138641
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Sequence 6 from patent US 5576427.
129068
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0 c 0 g
                                                             N1/21,
C12R1:19);
Etrandedness: Single;
topology: Linear;
hypothetical: No;
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PD 04
PF 24
PF 18
PD 18
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Matches 15,
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I29068
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Unclassified.
I (bases 1 to 16)
I (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oldgrouncleotide minor groove binder conjugates
Patent: US 6426408-A 8 30-JUL-2002;
Location/Qualifiers
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1 (bases 1 to 16)

Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.

Covalently linked oligonuclectide minor groove binder conjugates

Patent: US 6486308-A 3 26-NOV-2002;

Location/Qualifiers
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Sequence 3 from patent US 6486308.
AR257438
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Sequence 4 from patent US 6486308.
AR257439
AR257439.1 GI:27307450
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Unclassified.
1 (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuolectide minor groove binder conjugates
Patent: US 6426408-A 5 30-JUL-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unknown.
Unclassified.

1 (bases 1 to 16)

1 (bases 1) Lukhtanov, E.A., Gamper, H.B. and Meyer, R.B. Jr.

Covalently linked oligonucleotide minor groove binder conjugates

Patent: US 6426408-A 6 30-JUL-2002;

Location/Qualifiers
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1 (bases 1 to 16)

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1 (bases 1 to 16)

Covalently Liv, Lukhtanov, E.A., Gamper, H.B. and Meyer, R.B. Jr.

Covalently linked oligonucleotide minor groove binder conjugates

Patent: US 6426408-A 7 30-JUL-2002;

Location/Qualifiers
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Matches 15; Conservative 0; Mismatches 0;
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AR221697.1 GI:23328769
 Sequence 5 from patent US 6426408.
AR221695
AR221695.1 GI:23328767
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AR221696/C
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AR221697/C
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PAT 20-DEC-2002

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1 (bases 1 to 16)
Kutyavin,I.V. Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Kutyavin,I.V. Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6486308-A B 26-NOV-2002;
Location/Qualifiers
                                                                                                                                    Unknown.
Unclassified.
1 (base 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligomuclectide minor groove binder conjugates
Patent: US 6486308-A 7 26-NOV-2002;
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Unclassified.
Unclassified.
1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2549 12-PEB-2002;
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1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 2549 from patent US 6346398.
AR187061.1 GI:20233026
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AR257442. GI:27307453
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AR257443/c
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1 (Joses 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligomucleotide minor groove binder conjugates
Patent: US 6486308-A 5 26-NOV-2002;
Location/Qualifiers
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Xutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oilgonucleotide minor groove binder conjugates
Patent: US 6486308-A 6 26-NOV-2002;
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AR257441.
AR257441.1 GI:27307452
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Sequence 5 from patent US 6486308.
AR257440 GI:27307451
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/organism="unknown"
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AR257441/c
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AR257440/c
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RESULT 437 AR256849/c

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DNA linear PAT 27-AUG-2002

441, a novel gene related to pollen allergy.

BD091744. G1:22637355

WO 0073435-A/4.

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ATIFICIAL SEQUENCES.

I Glasse I to 17)

Ragau, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,

Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K. and Matsui, K.

441, a novel gene related to pollen allergy

ATIFICAL GONZASS-A 4 07-DEC-2000,

GENOX RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,
                                                                                                                                                                                                                                                                                                          BD091743
441, a novel gene related to pollen allergy.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AUTHORS
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Synchetic construct
synchetic construct
artificial sequences.

I (bases 1 to 17)

Nagsau, T., Supita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Takahashi, E. and Yokoi, A.

Takahashi, E. and Yokoi, A.

795, a novel gene related to pollen allergy
Patent: WO 0065050-A 4 02-NOV-2000,
GENOX RESERCET INC, TREESHI NAGARU, YUUI SUGITA, TOWOKO KASHIWABARA,
TAAPAHI, AMIRA YOKOI

TAKAHASHI, AMIRA YOKOI

OS Artificial Sequence
NO 0065050-A/4

PD 02-NOV-2000

PF 26-APR-2000 WO 2000JF002734

PR 27-APR-1999 JP 99P 120494

PI TAKESHI NAGASU, YUUI SUGITA, TOWOKO KASHIWABARA, TADAHIRO OSHIDA,
PP 26-APR-2000 WO 2000JF002734

PR 27-APR-1999 JP 99P 120494

PI TAKESHI NAGASU, YUUI SUGITA, TOWOKO KASHIWABARA, TADAHIRO OSHIDA,
PI WASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
PI NEI YOSHIDA,
PI NEI YOSH
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
TAKAHASHI, AKIRA YOKOI
OS Artificial Sequence
PN WO 0065050-A/3
PD 02-NOV-2000
PR 27-APR-1999 JP 99P 120494
PR 27-APR-1999 JP 99P 120494
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKHO IMAI,
PI KAORU OGAWA, KEIKO MATSUI, BIKI TAKAHASHI, AKIRA YOKOI PC
C12N15/12, CO7K14/47, CO7K16/18, C12Q1/68, G01N33/50//A61K31/00, PC
A61P37/00
CC DESCRIPTION OF Artificial Sequence: Artificially Synthesized CC
                                                                                                                                                                                                                                                                                                                                                               . Description of Artificial Sequence:Artificially Synthesized CC Primer Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17 bp DNA li
795, a novel gene related to pollen allergy.
BD011732
BD011732.1 GI:22091921
WO 005556-x'.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/mol_type="taxon:32630";
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BD011732/C
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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AUTHORS
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JOURNAL
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BD091743.

Synthetic construct

1SM W0 0073435-A/3.

Synthetic construct

1SM W0 0073435-A/3.

Synthetic construct

artificial sequences.

Tibases 1 to 17)

RS Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K. and Matsui,K.

All, a novel gene related to pollen allergy

All a novel gene related to pollen allergy

Authorn to 0073455-A 3 07-DEC-2000;

GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,

TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,

YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI

OS Artificial Sequence

PR 27-MAY-1099 JF 99P 149F83

PI TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,

PI NABAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,

PI KAORU OGAWA,KEIKO MATSUI

PI KAORU OGAWA,KEIKO MATSUI
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Length 17;
Query Match
1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0;
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# BUD91/52.1 G GI:2263/363

W 0073439-A/4.

Synthetic construct

synthetic construct

artificial sequences.

I (bases 1 to 17)

Raguent, r. Sugite, Y. Kashiwabara, T., Oshida, T., Obayashi, M.,

Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,

Takahashi, E. and Yokoi, A.

Gunji, S., obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,

Takahashi, E. and Yokoi, A.

GENOX RESEARCH 1NC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,

TADAHRO ORAIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,

YUKIHO IMAI, NEI YOSHIDA, RAORU OGAWA, KEIKO MATSUI, EIKI

TAKAHASHI, AKIRA YOKOI

OS Artificial Sequence

PN WO 0073439-A/4

PD 07-DEC-2000

PP 18-MAY-2000 WO 2000JP003191

PR 27-MAY-1999 JP 99P 148784

PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,

PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,

NET WORLDA
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synthetic construct
synthetic construct
synthetic construct
surlificial sequences.

1 (bases 1 to 17)
Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Takahashi,E. and Yokoi,A.
Takahashi,I. and Yokoi,A.
Takabani,I. and Yokoi,A
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  Indels
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BD091774
                                                                                                                                                                                                                   17 bp DNA 1
465, a novel gene related to pollen allergy.
BD091752
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100.0%; Pred. No. 3.9e+02;
iive 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630";
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     Mismatches
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WO 0073440-A/3.
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        Conservative
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Best Local Similarity
Matches 15; Conserv
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BD091774/C
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VERSION
KEYWORDS
SOURCE
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                                                                                                                                                                                                             BD091752/c
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VERSION
KEYWORDS
SOURCE
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JOURNAL
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        Matches
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WO 0073439-A3.
BYTCHELIC CONSTRUCT

SYNTCHELIC CONSTRUCT

artificial sequences.

1 (bases 1 to 17)

Radashi,E. and Yokoi,A.

Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,

TAKAhashi,E. and Yokoi,A.

GRACK RESEARCH INC,TAKESHI NACASU,YUJI SUGITA,TOMOKO KASHIWABARA,

TAKAHASHI,AKIRA YOKOI

OS ARTIficial Sequence

N WO 0073439-A/3

PD 07-DEC-2000

PF 18-MAY-2000 WO 2000JP003191

PR 17-AKSHI NAGASU,YUJI SUGITA,TADAHIRO OSHIDA,

TAKAHASHI,AKIRA YOKOI

OS ARTIficial Sequence

PR 18-MAY-2000 WO 2000JP003191

PR 27-MAY-1999 UP 99P

INEL YOKHIDA, WADRSUI,EHKI TAKAHASHI,AKIRA YOKOI PC

CIZNIS/IZ,CIZQ1/68,A61P37/08,A61K39/36,A61K45/00 CC

CIZNIS/IZ,CIZQ1/68,A61P37/08,A61K39/36,A61K45/00 CC

Sequence

Sequence

H KNY
                                                                                                                                                                                                                                                         KAORU OGAWA, KEIKO MATSUI
C12N15/10, C12Q1/68, G01N33/15, G01N33/50
Description of Artificial Sequence:Artificially Synthesized CC
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                                                                                                                                18-MĀY-2000 WO 2000JP003190
27-MAY-1999 JP 99P 148783
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
NEI YOSHIDA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI OS ARLIHIGIAH Sequence NO 0073435-A/4
PN WO 0073435-A/4
PD 07-DEC-2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.4%; Score 15; DB 1; Length 17;
100.0%; Pred. No. 3.9e+02;
ive 0; Mismatches 0; Indels
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465, a novel gene related to pollen allergy.
BD091751
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100.0%; Pred. No. 3.9e+02;
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/organism="synthetic construct"
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                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Local Similarity 100.
Matches 15; Conservative
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Best Local Similarity
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BD091751/c
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DNA linear PAT 27-AUG-2002

ION Method for examination for allergosis.

DN Method for examination for allergosis.

SN 0.165259-A/6.

SN 0.165259-A/6.

SN 0.165259-A/6.

SN 0.165259-A/6.

Artificial sequences.

I (bases I to 17)

Nethod for examination for allergosis

Artificial sequences.

ANTIONAL CHILDERN'S HOSPITAL, HIROHISA BY GENERAL DIRECTOR OF PROTISH KEIRO MATSUI, HIROHISA SAITO

OBAYASHI, KEIRO MATSUI, HIROHISA SAITO

OBAYASHI, KEIRO MATSUI, HIROHISA SAITO

PR 22-FEB-COOI WO 2001JP001372

PR 02-MAX-2000 JP 00P 61832

PI TARESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI HIROHISA SAITO

PR 02-MAX-2000 JP 00P 61832

PI TARESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI HIROHISA SAITO

PR 02-MAX-2000 JP 00P 61832

PI TARESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI HIROHISA SAITO

PR 01833/13, C1201/68, C12N15/12, G01N33/15, A01K67/027, A61K39/395, DC ARIPACIÓN OF DOT CHARASHI, CH
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synthetic construct
artificial sequences.

1 (bases 1 to 17)

Nagasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.
Method for examination for allergosis
Patent: WO 0165259-A 7 07-SEP-2001;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL GIILDREN'S HOSPITAL, HIROMITGU NARAUCHI, YUTAKA
FUJIKI, KAZUO FUKAWA, OSAMU KUDO TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI
OSBAYASHI, KEIKO MATSUI, HIROHISA SAITO
OS Artificial Sequence
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/organism='Artificial Sequence'.
Location/Qualifiers
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100.0%; Pred. No. 3.9e+02;
.ive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_Xref="taxon:32630"
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Method for examination for allergosis.
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WO 0165259-A/7.
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Matches 15; Conservative
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BD097335/c
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)
Synthetic construct
artificial sequences.

2 (bases 1 to 17)
Synthetic construct
artificial sequences.

3 Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Gunji, S., Obayashi, N., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,
Takahashi, E. and Yokoi, A.

787, a novel gene related to pollen allergy
Patent: WO 073440-A 4 07-DEC-2000;
GENOX RESEARCH INC, TAKEHI NGASU, YUJI SUGITA, TOMOXO KASHIWABARA,
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI IZUMI OBAYASHI,
YUKIMO IMAI,NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, RIKI
TAKAHABHI, AKTRA YOKOI
OS Artificial Sequence
PN WO 073440-A/4
DD 07-DEC-2000
PF 18-MAY-2000 WO 2000JP003192
PR 18-MAY-2000 WO 2000JP003192
PR 18-MAY-2000 WO 2000JP003192
PR TAKESHI NAGASU, YUJI SUGITA, TOMOXO KASHIWABARA, TADAHIRO OSHIDA,
PN MASAYA OBBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
PN MATTA NAGASU, YUJI SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
TAKAHASHI, AKIRA YOKOI
OS Artificial Sequence
PN WO 0073440-A/3
PD 07-DEC-2000
PP 19-DEC-2000
PP 19-MAY-1999 JP 99P 148785
PI AKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI NASAYO OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKHO IMAI,
PI NEI YOSHIDA,
PI KACRU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC
C12N15/12, C12Q1/68, C12N5/06, C07K14/415 CC Description of
Artificial Sequence: Artificially Synthesized CC Primer Sequence
PH KEY
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BY NO 073440-A/4

BY 07-DEC-2000

PR 27-MAY-1999 JP 99P 148785

PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,

PI NASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,

PI NEI YOSHIDA,

PI KAOKU OGAWA, KERKO MATSUI, BIKI TAKAHASHI, AKIRA YOKOI PC

CI2NIS/12, C12Q1/68, C12NS/08, C12NS/06, C07K14/415 CC Description of

Artificial Sequence: Artificially Synthesized CC Primer Sequence

FH Key
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787, a novel gene related to pollen allergy.
BD091775
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ch 1.4%; Score 15; DB 1; L. 1. Similarity 100.0%; Pred. No. 3.9e+02; 15; Conservative 0; Mismatches 0;

    1. 17
    Organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"

    .17
    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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WO 0073440-A/4.
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Matches 15, Conservative
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BD091775/C
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AUTHORS
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PAT 18-SEP-2002
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Description of Artificial Sequence:an artificially synthesized
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CIZNIS/09,CIZNS/10,C07K14/47,C07K16/18,CIZP21/02,CIZQ1/02, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OS Artificial Sequence
N WO 024909-A/4
PD 28-WAR-2002
PF 21-SEP-2001 WO 2001JP008246
PF 25-SEP-2000 JP 00P 291318
PI VUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOWOKO FUJISHIMA, PI
TAKESHI NAGASU
                                                                                                                                                                                                                                                                                                                                   synthetic construct
synthetic construct
artificial sequences.

1 (Dases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T.,
Fujimoto, G. and Takahashi, E.
Method of examining allergic disease
Patent: WO 0224903-A 4 28-MAR-2002,
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAMA, COMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO, EIKI
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1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
                                       1.4%; Score 15; DB 1; L 100.0%; Pred. No. 3.9e+02; tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630";
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Best Local Similarity 100.0
Matches 15; Conservative
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BD142810/c
     BASE COUNT
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WO 0165259-A/7
07-SEP-2001
23-FEB-2000 JP 00P 61832
12-FEB-2000 JP 00P 61832
TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E Coases 1 to 17)

Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T.,

Tujincto, G. and Takahashi, E.

Tujincto, G. and Takahashi, E.

Method of examining allergic disease

Method of examining allergic disease

Datent: WO 0224903-A 3 28-MAR-2002;

GENOX RESERSTRCH INC, UAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA, RYOCHI HASHIDA, KAORU
OGAWA, TOMOKO PULISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO, EIKI
TAKAHASHI

TAKAHASHI

NO 0224903-A/3

PN WO 0224903-A/3

PN WO 224903-A/3

PP 21-SEP-2000 UP 00P 291318
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GOIN33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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                                                                                                                                                Description of Artificial Sequence: Artificially Synthesized CC
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                                                                                           HIROHISA SAITO
GOIN33/53,C12Q1/68,C12N15/12,G01N33/15,A01K67/027,A61K39/395,
A61P37/08
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PR 25-SEP-2000 JP 00P 291318
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,TOMOKO FUJISHIMA,
TAKESHI NAGASU,
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/organism='Artificial Sequence'
Location/Qualifiers
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BD142809.1 GI:23237754
WO 0224993-A/3.
Synthetic construct
artificial sequences.
1 (bases 1
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PI HIROHISA SALTO, BIKI TAKAHASHI
PC C12Q1/68, C12N15/09, G01N33/53, G01N33/50, C12Q1/02, A61K48/00, PC
A61K39/395.
C A01K67/027//C07K16/18, C12N5/10
CC A01K67/027//C07K16/18, C12N5/10
CC Description of Artificial Sequence: an artificially synthesized
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                                                      Description of Artificial Sequence:an artificially synthesized
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artificial sequences.

1 (Dases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T., Saito,H.
and Takabani,E.
Method for examination of allergosis
Patent: WO 023122-A 3 25-APR-2002;
BOROX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL GHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
, C12N15/09, C12P21/02,
PC C12Q1/02, G01N33/15, G01N33/50//C12P21/08, C12N5/00, C12N5/00,
C12N15/00
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C12Q1/68, C12N15/09, G01N33/53, G01N33/50, C12Q1/02, A61K48/00,
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OS Artificial Sequence
NO 0233122-A/3
DD 25-APR-2002
PF 11-007-2001 WO 2001JP008937
PF 13-C07-2000 PP 00P 314093
PR 13-C07-2000 PP 00P 314093
PR 13-C07-2000 PP 00P 314093
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Location/Qualifiers
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1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Matches 15; Conservative
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BD167836/c
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synthetic construct
artificial sequences.

I (Asses I to 17)
S Sugita, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T. and
Tsujimoto, K.
Method of examining allergic disease
L Patent: JP 2002095500-44 02-APR-2002,
GENOX RESEARCH INC, THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
PN JP 2002095500-A/4
PD 02-APR-2002
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PC CONT6/18,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10 PC C12N5/105,C12P21/02,
PC C12Q1/02,G01N33/15,G01N33/50//C12P21/08,C12N5/00,C12N5/00, PC C12N15/00 PC CC Description of Artificial Sequence:an artificially synthesized
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                                 artificial sequences.

1 (bases 1 to 17)

Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and Tsujimoto,K.
Method of examining allergic disease
Patent: JP 2002095500-A 3 02-APR-2002;
GENOX RESEARCH INC,THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
PN JP 2002095500-A/3
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YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI,
                                                                                                                                                                                                   02-APR-2002
25-SEP-2000 JP 2000291316
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI,
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/organism='Artificial Sequence'.
Location/Qualifiers
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100.0%; Pred. No. 3.9e+02;
ive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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PI KOZO TSUJII
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Best Local Similarity
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Datchod of examining allergic disease

Datent: WO 0226962-A 8 04-APR-2002;

Datent: WO 0226962-A 8 04-APR-2002;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI, KAZUO MIYANAGA YUJI
SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI
NAGASU, HIROHISA SAITO
OS ARLIfficial Sequence
PN WO 0226962-A/8
PD 04-APR-2002
PF 21-SEP-2001 WO 2001JP008247
PR 21-SEP-2000 JP 00P 293021
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI
TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                       GOIN33/15,
GOIN33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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                                                                                                                                                                                                                          HIROHISA SAITO
C12N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02, PC
                                                                                                                                                                                                                                                                                   A01K67/027, A61K31/713, A61K45/00, A61K48/00, A61P17/00, A61P37/08
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G01N33/50//C12P21/08, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91)
            GENOX RESERVED INC, JARAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI KAZUO MIYANAGA YUJI SUGITA, YAVICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, HIROHISA SALTO
OS ARLIficial Sequence
N WO 0226962-A/7
PD 04-APR-2002
PF 21-SEP-2001 WO 2001JP008247
PF 25EP-2000 JP 00P 293021
PF WJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI
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CI2N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02,
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Location/Qualifiers
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Method of examining allergic disease.
BD167909
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0226962-A 7 04-APR-2002;
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WO 0226962-A/8.
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
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Best Local Similarity 100.
Matches 15; Conservative
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PC C12N1
C12Q1/68,
PC A01K6
PC G01N3
PC G01N3
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BD167909/c
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Datent: WO 0233122-A 4 25-APR-2002;
GENOX RESEAFCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGITA, RYOICHI
HASHIDA, KAORU OGAWA, WASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
SAITO, BIKI TAKAHASHI
OS AYLIfficial Sequence
PN WO 0233122-A/4
PD 25-APR-2002
PF 11-OCT-2001 WO 2001JP008937
PR 13-OCT-2000 JP 00P 314093
PR 13-OCT-2000 JP 00P 314093
PR YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, WASAYA OBAYASHI, PI
TAKESHI NAGASU,
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Description of Artificial Sequence:an artificially synthesized
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WO 0233122-A/4.
Who 0233122-A/4.
Synthetic construct
artificial sequences.
1 (bases I to 17)
Sugite, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T., Saito, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HIROHISA SAITO, EIKI TAKAHASHI
C12Q1/68,C12N15/09,G01N33/53,G01N33/50,C12Q1/02,A61K48/00,
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Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T. and
Saito,H.
Method of examining allergic disease
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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disease.
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Method for examination of allergosis.
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Method of examining allergic of BD167908 1 BD167908 1 GI:27873720 WO 0226962-A/7.
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                    1084 AAAAAAAAAAA 1098
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synthetic construct
artificial sequences.
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Les 15; Conservative
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PC A01K67/(
CC Descript
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BD167908/C
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                                                                                                           RESULT 454
BD167837/c
LOCUS
DEFINITION
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BD168113.1 GI:27873925

WO 0233069-A/20.

WO 0233069-A/20.

SPITCHELIC CONSTRUCT

SPITCHELIC CONSTRUCT

STATISTICIAL SEQUENCES.

I (bases 1 to 17)

S Sujic, Y. Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T. and

ARTIONLA. CHILDRAN'S HOSPITAL, TOWOVINI FUKASAWA, CHUHEI NOJIRI, NOBUO

MATIONLA. CHILDRAN'S HOSPITAL, TOWOVINI FUKASAWA, CHUHEI NOJIRI, NOBUO

MATIGNAL CHILDRAN'S HOSPITAL, TOWOVINI FUKASAWA, CHUHEI NOJIRI, NOBUO

MATIGNAL KOJI NISHIZAWA, YUJU SUGITY, RYOLCHI HASHIDA, KAORU

OGAWA, MASAYA, OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO

OG ARTIFICIAL SEQUENCE

NO WO 0233069-A/20

PP 28-SEP-2002

PP 28-SEP-2001 WO 2001JP008574

PR 13-OCT-2000 JP 00P 314093

PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI

TAKESHI NAGASU,

PI NAGASU,

PI HIROHISA SAITO

PC C12N1S/09, C12N1S/63, C12Q1/68, C12Q1/02, G01N133/53, C12N5/10, PC

AGIN39/395,

PC C07X14/47, C07X16/18//C12P21/02, C12P21/08

CC DESCTIPLION OF ATTIFICIAL SEQUENCE: an artificially synthesized
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Method of examining allergic disease
Patent: WO 0250269-A 3 27-JUN-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TARAGI, AKINORI OTA YOSHIKO
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synthetic construct
synthetic construct
artificial sequences.
1 (Dases 1 to 17)
Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and
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Location/Qualifiers
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1.4%; Score 15; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                              BD168113 17 bp DNA
Method for examination for allergosis.
BD168113
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      16 AAAAAAAAAAAAA
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BD168113/C
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BD171178/C
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WO 0233069-A/19.
Synthetic construct
Synthetic construct
Synthetic construct
artificial sequences.

I (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and
Salto,H.
Method for examination for allergosis
Method for examination for allergosis
Method for examination for allergosis
MATONIANA CHILDREN'S HOSPITAL, TOWOYUKI FUKASAWA, CHUHEI NOJIRI,NOBUO
MATSUHASHI,KOJI NISHIZAWA, YUJI SUGITA,RYOICHI HASHIDA, KAORU
OGAWA,MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO
OS Artificial Sequence
PN WO 0233069-A/19
PD 25-APR-2002
PP 28-SEP-2001 WO 2001JP008574
PR 13-OCT-2000 JP 00P 314093
PI YUJI SUGITA,RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI
TAKESHI NAGASU,
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Description of Artificial Sequence:an artificially synthesized
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Description of Artificial Sequence: an artificially synthesized
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CIZNIS/09,CIZNIS/63,CIZQI/68,CIZQI/02,GOIN33/53,CIZNS/10, PC
                                                                                                                                                                                                                                                                                                       Gaps
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/organism='Artificial Sequence'
Location/Qualifiers
                                                                        Location/Qualifiers
1. .17
/organism='Artificial Sequence'
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5; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Key
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Best Local Similarity
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PC CI2N15
A61K39/395,
PC C07K14
CC Descri
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Best Local S:
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BD168112/C
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E34259/c
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AUTHORS
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                         OS Arrificial Sequence
PN WO 0250269-A/3
PD 27-UND-2002
PF 21-DEC-2000 UP 00P 389476
PI YOSHIKO WATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI
TAKBEHI NAGASU,
PC CI2NIS/II, COTKIG/18, AGIK67/027, AGIK31/711, AGIK45/00, AGIK48/00, PC C1201/68, GOIN33/50
CC Description of Arrificial Sequence: 'GTISC', an arrificially synmes sequence Location/Qualifiers
FH Key Location/Qualifiers
FT source //organism='Arrificial Sequence',
FT
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Patent: WO 025069-A 4 27-JUN-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
MATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI,AKINORI OTA YOSHIKO
MATSUMOTO, YUXIHO IMAI, TADAHIRO OSHIDA, YUJI ŞUGITA, TAKESHI NAGASU,
GOZO TSUJIMOTO
OS ATLIFICIAL SEQUENCE
N WO 0250269-A/4
PD 27-JUN-2002
PR 21-DEC-2001 WO 2001JP011286
PR 21-DEC-2001 UP 00P 389476
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C12N15/11,C07K16/18,A61K67/027,A61K31/711,A61K45/00,A61K48/00,
A61P37/08,
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21-DEC-2001 WO 2001JP011286
21-DEC-2000 JP 00P 389476
YOSHIKO MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI
MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                C1207/68,G01N33/50
Description of Artificial Sequence:'GT15G', an artificially
synthesized
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and
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1. .17
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/organism='Artificial Sequence'
Location/Qualifiers
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1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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/ forganism="gynthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 1 c 1 g 1 b t
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a
               GOZO
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BD171179/C
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AUTHORS
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JOURNAL
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PAT 31-JAN-2002
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MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
NING NO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KAORU OGAWA
CI2N15/09, A61K31/00, A61K39/36, A61K45/00, C12Q1/68, C12N15/00 CC
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Synthetic construct
artificial sequences.
E 1 (bases 1 to 17)
S Nagsau,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Gunji,S., Obayashi,I., Imai,Y., No,N. and Ogawa,K.
Pollinosis-associated gene
L Patent: JP 2000106879-A 3 18-APR-2000;
GENOX RESEARCH INC
OS Artificial Sequence
PN JP 2000106879-A/3
PD 18-APR-2000
PP 06-OCT-1998 JP 1998284610
                                          Gaps
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  Length 17;
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1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0;
Query Match
1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
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1 Pollinosis-associated gene.
E34260.1 GI:18624265
JP 2000106879-AA4.
Synthetic construct
M Synthetic construct
artificial sequences.
I (bases 1 to 17)
I (bases 1 to 17)
                                                                                                                                                                                                                                    Pollinosis-associated gene.
E34259
                                                                              1084 AAAAAAAAAAAA 1098
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JP 2000106879-A/3.
                                                                                                               16 AAAAAAAAAAAA 2
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LOCUS
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VERSION
KEYWORDS
SOURCE
ORGANISM
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/organism="synthetic construct" /mol\_type="genomic DNA" /db\_xref="taxon:32630"

12

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E32452

Nammal-derived tissue specific physiologically active protein.

Nammal-derived tissue specific physiologically active protein.

E32452.
E32452.1 GI:13018688
E32452.1 GI:13018688

DF 2000037190-A/12.

Synthetic construct
artificial sequence.

I (bases 1 to 18)
Sun,N., Yusuke,N. and Toshihiro,T.
Mammal-derived tissue specific physiologically active protein

LD 2000037190-A 12 08-FBB-2000;
DAPAN TORACCO INC

OS Artificial Sequence
PN JP 2000037190-A/12
                                                                                                                                                                                                                                                                                                                                                                                      E32451

Mammal-derived tissue specific physiologically active protein.

Mammal-derived tissue specific physiologically active protein.

B32451.1 GI:13018687

B32451.1 GI:13018687

S 200037190-A/11.

E32451.1 GI:13018687

JP 200037190-A/11.

Mammal-derived tissue specific physiologically active protein artificial sequences.

LE (bases 1 to 18)

AL (bases 1 to 18)

Mammal-derived tissue specific physiologically active protein patent: JP 200037190-A 11 08-FEB-2000;

ARTIFICIAL Sequence

D ARTIFICIAL Sequence

PN JP 2000037190-A/11

PD 08-FEB-2000

D 08-FEB-2000

PP 23-JUL-1998 JP 1998225228
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PN JF 2000037190-A/11
PD 08-EBB-2000
PF 23-UTL-1998 JP 199822528
PP 23-UTL-1998 JP 199822528
PP C12N15/09, CO7K14/47, CO7K16/18, C12N1/19, C12N1/21, C12N15/10, PC
C12N15/02, PC C12P21/02, C12P21/08//(C12N5/10, C12R1:91), (C12P21/08, C12R1:91), PC C12N15/00, PC C12N15/00, C12N15/00, C12N15/00, C12N15/00, C12N15/00, C12N15/00, PC C12N15/00, 
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Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
                                                              Score 15; DB 1; Length 17; Pred. No. 3.9e+02; 0; Mismatches 0; Indels
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 0 c 3 g 15 t
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Best Local Similarity 100.0%; Pr
Matches 15; Conservative 0;
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E32451/c
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VERSION
VERSION
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                                                                                                                                                                                                                                               TAKESHI NACASU, YUJI SUGITA, TONOKO KASHIWABARA, TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI, NING NO, KAORU OGAWA CI2NIS/09, A61K31/00, A61K39/36, A61K45/00, C12Q1/68, C12NI5/00 CC
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    17
    organism='Artificial Sequence'

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Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
Pollinosis-associated gene
Patent: UP 2000106879-A 4 18-APR-2000;
GENOX RESEACH INC
OS Artificial Sequence
PN JP 2000106879-A/4
PD 18-APR-2000
PF 06-OCT-1998 JP 1998284610
PR TAKESHI NAGASU, YUJI SUGITA, TOWOKO KA
PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZU
PI NING NO,
PI KAORU GGWAA
PC C12N15/09, A61K31/00, A61K39/36, A61K45
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Strandedness: Single,
Topology: Linear;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                    18 bp DNA linear PAT 18-JUN-2001
Mammal-derived tissue specific physiologically active protein.
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C12N15/02,
PC C12P21/02,C12P21/08//(C12N5/10,C12R1:91),(C12P21/08,C12R1:91),
PC C12N15/00,
PC C12N15/00,C12N15/00,(C12N5/00,C12R1:91)
CC C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
FT primer_bind (1); (18)
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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artificial sequences.

artificial sequences.

Jun,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein Datent: JP 2000037190-A 21 08-FBB-2000;

JAPAN TOBACCO INC
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Xambara, H. and Okano, K.
NA sequencing method and DNA sample preparation method
Patent: US 595556-A 5 16-NOV-1999;
Location/Qualifiers
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100.0%; Pred. No. 4e+02;
Live 0; Mismatches 0; Indels
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1.4%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/ml_type="genomic DNA"
/db_xref="taxon:32630"
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23-JUL-1998 UP 1998225228
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Mammal-derived tissue specific physiologically active protein.
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                                                                  JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA.
C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
55/02,
C12P21/02, C12P21/08//(C12N5/10, C12R1:91), (C12P21/08, C12R1:91),
C12N15/00,
C12N15/00, C12N15/00, (C12N5/00, C12R1:91)
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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1.4%; Score 15; DB 1; Length 18;
Best Local Similarity 100.%; Pred. No. 46+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 4e+02;
tive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PAT 12-JAN-2001
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071747A 31 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071/47-A 32 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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/note="beschreibung der kunstlichen
Sequenz:Erkennungssystem"
            /organism="synthetic construct"
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/db xref="texcon:32630"
/note="Beschreibung der kunstlichen
Sequenz:Erkennungssystem"
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Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0;
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Sequence 32 from Patent WO0071747.
AX048433 AX048433.1 GI:12225597
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Sequence 31 from Patent WO0071747.
AX048432 AX048432.1 GI:12225596
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Best Local Similarity 100.0
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 007147-A 30 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Functional aquarium water and a preparation method thereof
Patent: US 6528062-A 6 04-MAR-2003;
Location/Qualifiers
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Matches 15; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 20)
Alzawa,A., Kawakami,A. and Kondo,T.
Testis specific gene
Patent: US 6555670-A 4 29-APR-2003;
Location/Qualifiers
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Sequence 30 from Patent WO0071747.
AX048431
AX048431.1 GI:12225595
                                 AR283490 20 bp
Sequence 6 from patent US 6528062.
AR283490
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Sequence 4 from patent US 6558670.
AR309844 GI:31701953
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/organism="unknown"
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Detection system for separating constituents of a sample and production and use of the same

Location and use of the same

Avent: WO 0011747-A 41 30-NOV-2000;

Avent: Research & Technologies GmbH & Co. KG (DE)

Location/Qualifiers

1. 20

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/ db xref="texon:32630"
/ db xref="texon:32630"
/ noTe="Beschreibung der kunstlichen Sequenz:Erkennungssystem"
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071747-A 39 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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/note="Beschreibung der kunstlichen
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Sequence 39 from Patent WO0071747.
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Sequence 41 from Patent WO0071747.
AX048442
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AX048442/c
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AX048440/c
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Detection system for separating constituents of a sample and production and use of the same production and use of the same production and use of the same and Patent: WO 0071747-A 36 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
10.20
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//mol_type="genomic DNA"
//db_xref="leschreibung der kunstlichen Sequenz:Erkennungssystem"

Sequenz:Erkennungssystem"

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Detection system for separating constituents of a sample and production and use of the same
Patent: Wo 001147-A 33 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
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/noTe="Beschreibung der kunstlichen
Sequenz:Erkennungssystem"
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Sequence 36 from Patent W00071747.
AX048437
AX048437.1 GI:12225601
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Sequenz:Erkennungssystem"
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AX296887 20 bp DNA Sequence 8649 from Patent WO0179548. AX296887.1 GI:17058576
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 Sequence 44 from Patent WO0071747.
AX048445
AX048445.1 GI:12225609
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Sequence 4 from Patent EP1195382.
AX404077 GI:21437393
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071749-A 42 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071740-A 43 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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1.4%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequenz:Erkennungssystem"
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Sequence 43 from Patent WO0071747.
AX04844 AX04844. GI:12225608
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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 8649 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
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Boekenkamp,D., Hoppe,H.U. and Burgstaller,P.
Detection system for separating constituents of a production and use of the same Patent: WO 0071747-A 44 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE) Location/Qualifiers
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1.4%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Sequenz:Erkennungssystem"
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/mol_type="genomic DN4"
/db_xref="taxon:33630"
/noTe="Hypothetical Probe Sequence"
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PAT 26-SEP-2002
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Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
AKIRA AIZAWA, AKIKO KAWAKAMI, TOSHIHIKO KONDO C12N15/09, C07K14/47, C12N15/00
Novel testis-specific gene Novel testis-beacific Gene Location/Qualifiers
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3-UUN-1997

13-SEP-1996 JP 1996242929

18-SEP-1995 JP 95P 238141

CANDO KAZONOBU, KANBARA HIDEKI

C1201/68,GOINZ7/447,GOIN33/58//C12N15/09;

strandedness: Single,
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DETERNINATION OF BASE SEQUENCE
PATENT: JP 1997140400-A 3 03-JUN-1997;
HITACHI LTD
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                                        Aizawa,A., Kawakami,A. and Kondo,T.
Testis-specific gene
Patent: EP 1195382-A 4 10-APR-2002;
Livestock Improvement Association of Japan, Inc. (JP) ; President of Guma University (JP)
Location/Qualifiers
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Methods employing fluorescence quenching by metal surfaces
Patent: WO 021951-A 2 07-MAR-2002;
THE ROCKEFELLER UNIVERSITY (US)
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artificial sequences.

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Aizawa,A., Kawakami,A. and Kondo,T.
Novel testis-specific gene
Retent. JP 2002112777-A 3 16-APR-2002;
KACHIKU KAIRYO JIGYODAN, PRESIDENT OF GUNNA UNIVERSITY
OS Artificial Sequence
PN JP 2002112777-A/3
PD 16-APR-2002
PP 03-OCT-2000 JP 2000303994
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Sequence 2 from Patent WO0218951
AX498246 AX498246.1 GI:23343165
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JP 2002112777-A/3.
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PAT 29-SEP-1999
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Pred. No. 4.5e+02;
0; Mismatches 2;
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88.9%; Pred. No. 4.5e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/noTe="Synthetic"
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Heisler L.M., Fors.L. and Brow,M.Ann.D.
Rapid detection of mutations in the p53
Patent: US 5843654-A 63 01-DEC-1998;
Location/Qualifiers
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/db_xref="taxon:32630"
/note="based on Homo sapiens"
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Patent: WO 0224222-A 13 28-MAR-2002,
THE CLEVELAND CLINIC FOUNDATION (US)
Location/Qualifiers
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Sequence 63 from patent US 5843654.
AR061750. GI:5989441
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Sequence 13 from Patent WO0224222.
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synthetic construct
artificial sequences.
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Best Local Similarity 88.9'
Marches 16; Conservative
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Best Local Similarity 88.9
Matches 16; Conservative
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Unclassified.
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Patent: Wo 0226968-A 30 04-APR-2002;
University of Ottawa (CA); Aegera Therapeutics Inc. (CA)
Location/Qualifiers
                                                                                  Dubertret, B., Calame, M. and Libchaber, A.
Methods employing fluorescence quenching by metal surfaces
Patent: WO 0218951-A 3 07-MAR-2002;
THE ROCKEFELLER UNIVERSITY (US)
Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 7402 25-MAR-2003;
Location/Qualifiers
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88.9%; Pred. No. 4.4e+02;
tive 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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/organism="synthetic construct"
/mol_type="genomic DNA"

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Sequence 30 from Patent WO0226968.
AX411930
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                                                      1.3%; Score 14.8; DB 1; 188.9%; Pred. No. 4.7e+02; iive 0; Mismatches 2;
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1.3%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2;
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38.9%; Pred. No. 4.7e+02;
tve 0; Mismatches 2;
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Smith, K.D.
Adrenoleukodystrophy treatments
Patent: US 6458838-A 6 01-00T-2002;
Location/Qualifiers
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Adrenoleukodystrophy treatments
Patent: US 6458838-A 8 01-OCT-2002;
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20 bp
AR24692 6 from patent US 6458838.
AR234692.1 GI:27277470
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Sequence 6 from patent US 6458838.
AR234690 GI:27277468
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AX07416/c AX074216
DEPINITION Sequence 9 from Patent WO0104271.
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Best Local Similarity 88.9
Matches 16; Conservative
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1 (bases 1 to 20)

Kaiser,M.W., Lyamichev,V.I. and Lyamichev,N.
Kaiser,M.W., Lyamichev,V.I. and Lyamichev,N.
Cleavage of nucleic acid acid using thermostable methoanococcus jannaschii FEN-1 endonucleases
jannaschii FEN-1 endonucleases
patent: US 5843669-A 63 01-DEC-1998;
Location/Qualifiers
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Method of detecting and discriminating between nucleic acid
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88.9%; Pred. No. 4.7e+02;
tive 0; Mismatches 2; Indels
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Unknown.
Unclassified.
Unclassified.
I bases I to 20)
I row,M.Ann.D., Iyamichev,V.I. and Olive,D.Michael.
Rapid detection and identification of pathogens
Patent: US 637424-A 63 16-APR-2002;
Location/Qualifiers
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1.3%; Score 14.8; DB 1; Length 2
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
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Sequence 63 from patent US 6372424.
AR206225 AR206225.1 GI:21504764
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Location/Qualifiers
                               AR061991
Sequence 63 from patent US 5843669.
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Sequence 1 from patent US 5981176.
ARO84388.1 GI:10011159
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AR061991.1 GI:5989682
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Method and diagnostic kit for the molecular diagnosis of
pharmacologically relevant genes
Patent: WO 03018837-A 143 06-MAR-2003,
Adnagen AG (DE)
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88.9%; Pred. No. 4.9e+02;
htive 0; Mismatches 2; Indels
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1.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
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Muknown.
Unclassified.
B 1 (bases 1 to 21)

K Minion, Fuchris. and Hsu, T.

Recombinant mycoplasma hyopneumoniae vaccine
Recombinant mycoplasma hyopneumoniae vaccine
Location/Qualifiers

Location/Qualifiers
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Sequence 35 from Patent WO0173002.
AX262644 GI:16511443
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Sequence 9 from patent US 6162435.
AR136776 GI:14478026
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1050 CTCAGTGTCGAATTAAAG 1067
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Matches 16; Conservative
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P03602.1 GI:2171817

P1 1992144682-A/2.

Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

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SYNTHATIC CONSTRUCT

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NEW T-PA ANALOG

NEW T-PA ANALOG

Artificial sequence; Genes.

NEW T-PA ANALOG

Artificial sequence; Genes.

NO Artificial sequence; Genes.

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PN 1991244682-A/2

PN 1991244682-A/2

PN 199214682-A/2

PN 1992146
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/organism="synthetic construct"

/mol_type="genomic DNA"

/db xref="taxon:32630"

/nofe="Sequence flanking GMLSF insert with gene end"

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1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
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THE GOVERNMENT OF THE UNITED STATES OF AMERICA (US)
LOCATION/QUALIFIERS
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Location/Qualifiers
1. 20
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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AX074216.1 GI:12710419
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleomed.
Patent: WO 0173002-A 43 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 017302-A 40 04-0CT-2001;
DNIVERSITY OF DELAWARE (US)
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93.8%; Pred. No. 4.8e+02;
ative 0; Mismatches 1;
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93.8%; Pred. No. 4.8e+02;
ive 0; Mismatches 1;
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Patent: WO 0173002-A 39 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 43 from Patent WO0173002.
AX262652
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Sequence 40 from Patent WO0173002.
AX262649

    17 / Organism="Homo sapiens"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                    Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002A 36 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
                                                                               Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002.A 35 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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ilarity 93.8%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 1;
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93.8%; Pred. No. 4.8e+02;
tive 0; Mismatches 1;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrinii, Hominidae, Homo
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Bellis,J.H.
Method and reagent for the inhibition of grid
Patent: Wo 0162911-A 389 30-AUG-2001;
RIBOZYME PHARMACHITCALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1;
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/organism="Homo sapiens"
/mol type="mRNA"
/db_Xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX272820/c
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 388 30-AUG-2001;
RIBOZYME PHARMACHICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 44 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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larity 93.8%; Pred. No. 4.8e+02;
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Sequence 388 from Patent WO0162911.
AX272819 1 GI:1654556
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Sequence 44 from Patent WO0173002.
AX262653
 /db_xref="taxon:9606"
. 2 c 8 g
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Matches 15; Conservative
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                           Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Mus musculus"
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Sequence 2231 from Patent W003025176.
AX724544
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17 bp Dl Sequence 5260 from Patent EP1281758. AX692528
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                                               AX692528.1 GI:29415486
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="forward primer for human STS sts-R73M7R at 1p36 sts-R73M7R obtained from clones B73M7, B106M20, B135H23, B333N1, B333U23, Human BAC library RPCI-11" c 9 g 2 t
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and Patent: Wo 30302117-A 5244 27-MAR-2003; Molecular Engines Laboratories (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001) 21269192
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AB069576.1 GI:15130380
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1 (Joses 1 to 20)
Egholm.M., Nielsen, P., Buchardt, O., Dueholm, K.L., Christensen, L.,
Egholm.M., Kiely, J. and Griffith, M.
Peptide nucleic acids
Patent: US 6451988-A 49 17-SEP-2002;
Location/Qualifiers
1.20
/ organism="unknown"
0 a 2 c 0 g 16 t 2 others
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                                                                  Length 20;
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SM Unknown.

Unclassified.

(CE 1 (bases 1 to 20)

JRS Ward, D.T. and Watt, A.T.

Antisense modulation of helicase-moi expression

RNAL Patent: US 6444466-A 45 03-SEP-2002;

Location/Qualifiers

1. 20

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Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1;
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Sequence 45 from patent US 6444466.
AR226164.1 GI:27264318
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AR231312/c
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AX048447/c
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                                                  PAT 08-SEP-2000
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                                                                                                                                             Unknown.
Unclassified.
1 (bases 1 to 20)
Wright, J.A. and Young, A.H.
Antitumor antisense sequences directed against ribonucleotide reductase
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Dean, N.M., Karras, J.G. and McKay, R.
Antisense modulation of interleukin-5 signal transduction
Patent: US 6136603-A 21 24-0CT-2000;
Location/Qualifiers
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1 (bases 1 to 20)

1 (bases 1 to 20)

Bennett,C.F. and Cowsert,L.M.

Antisense modulation of calreticulin expression

Patent: US 6426220-A 30 30-JUL-2002;

Location/Qualifiers
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Location/Qualifiers
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                                       20 bp Dl Sequence 158 from patent US 5998383. AR093063. GI:10019815
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AR221391
AR221391.1 GI:23328441
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/organism="unknown"
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PAT 12-JAN-2001

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REFERENCE AUTHORS

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PAT 12-JUN-2003
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                                Keith, T.
Novel human gene relating to respiratory diseases, obesity, and inflammatory bowel disease
Patent: WO 0178894-A 181 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Acremonium chrysogenum
Acremonium chrysogenum
Acremonium chrysogenum
Bukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
Hypocreomyceridae; Hypocreales; Hypocreaceae; mitosporic
Hypocreaceae; Acremonium.
1 (bases 1 to 19)
Rusck,U.D., Nowak,C. and Malz,M.D.
Beac,U.D., Nowak,C. and Malz,M.D.
Beten,Tubulin from Acremonium chrysogenum, preparation and use patent; BP 0610842-A 10 17-AUG-1994;
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
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84.2%; Pred. No. 5.6e+02;
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/mol_type="genomic DNA"
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93.8%; Pred. No. 5.5e+02;
tive 0; Mismatches 1;
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/db_xref="taxon:32630"
/note="Primer"
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Other publication CA 2115507 940813.
Location/Qualifiers
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Equence 10 from Patent EP0610842.
A39625.
A39625.1 GI:2295897
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Best Local Similarity 93.8
Matches 15, Conservative
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AR297698/c
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A39625/c
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 007147-A 46 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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/organism="synthetic construct"
/wol_type="genomic DNA"
/db_xref="texon:32630"
/note="Beschreibung der kunstlichen
Sequenz:Erkennungssystem"
2 a 2 2 13 t
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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93.8%; Pred. No. 5.5e+02;
live 0; Mismatches 1;
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Sequence 6677 from Patent W00179548.
AX294915.
AX294915.1 GI:17056598
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Sequence 181 from Patent WO0178894.
AX326985
Sequence 46 from Patent WO0071747.
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AX048447.1 GI:12225611
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Best Local Similarity 93.8
Matches 15; Conservative
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Best Local Similarity 93.8<sup>3</sup>
Matches 15; Conservative
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RESULT 519 AX294915/c LOCUS

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PAT 08-AUG-2001
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Baker, B.F., Bernett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr. Antisense oligonucleotide modulation of tumor necrosis factor (.alpha.) (TMF.alpha.) expression
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Unknown.
Unclassified.
1 (bases 1 to 20)
Shuber,A.P.
Universal primer sequence for multiplex DNA amplification
Patent: US 6207372-A 6 27-MAR-2001;
Patent Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3; Indels
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Best Local Similarity 84.2%; Pred. No. 5.9e+02;
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Sequence 305 from patent US 6228642.
ARISO229.1 GI:15114820
                                                                                                 20 bp | Sequence 26 from patent US 6159694. AR121005. GI:14104581
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Sequence 6 from patent US 6207372.
AR139298
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Soares, M.B. and Efstratiadis, A.
Method for construction of normalized cDNA libraries
Patent: US 5830662-A 54 03-NOV-1998;
Location/Qualifiers
1. 20
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1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.6e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                              Length 19;
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1.3%; Score 14.2; DB 1; Length 1
Best Local Similarity 84.2%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="probe 1028"
/ c 4 g 5 t
disequilibrium map of the human genome Patent: US 6537751-A 9433 25-WAR-2003; Location/Qualifiers
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Sequence 54 from patent US 5830662.
AR051330 GI:5974694
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Bacterial protection against stress
Patent: WO 0077186-A 3 21-DEC-2000;
Nestle Produkte AG (CH)
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Sequence 3 from Patent W00077186.
AXO58959
AXO58959.1 GI:12311229
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Best Local Similarity 84.2
Matches 16; Conservative
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AX058959
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1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indel8
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1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Bennett, C.F., Freier, S.M. and Watt, A.T.
Bannett, C.F., Freier, S.M. and Watt, A.T.
Antisense modulation of phospholipase A2, group VI
(Ca2+-independent) expression
Patent: US 6410325-A 30 25-JUN-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 20)
Ward, D.T. and Watt, A.T.
Antisense modulation of RECQL2 expression
Patent: US 6399378-A 17 04-JUN-2002;
Location/Qualifiers
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Wyatt, J. and Freier, S.M.
Antinsense modulation of Her-1 expression
Patent: US 6444465-A 155 03-SEP-2002;
Location/Qualifiers
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Sequence 155 from patent US 6444465.
AR226092.1 GI:27264246
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Seguence 30 from patent US 6410325.
AR215889
   20 bp | Esquence | 20 bp | Esquence | 20 bp | Esquence | From patent US 6399378.
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AR211961.1 GI:21515421
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Miraglla, L.J., Mero, P., Graham, M.J. and Monia, B.P.
Antisense oligomocleotide modulation of human mdm2 expression
Patent: US 6238921-A 12 29-MAY-2001;
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1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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JOURNAL Patent: US 6228642-A 305 08-MAY-2001;
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1 (bases 1 to 20)
Hasebe, M., Goto, M. and Tosu, M.
Method for detection of mutations
Patent: Location/Qualifiers
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Sequence 12 from patent US 6238921.
AR154595.1 GI:15122648
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Sequence 5 from patent US 6284463.
AR167144 GI:16243619
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1 7 c 2 g
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AR167144/c
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AR211961
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Unclassified.

1 (bases 1 to 20)

61imCher,L.H. and Ranger,A.M.
Methods relating to modulation of cartilage cell growth and/or
Mifferentiation by modulation of NFATp activity
Patent: US 6548734-A 19 15-APR-2003;
Location/Qualifiers
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Pred. No. 5.9e+02;
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1.3%; Score 14.2; DB 1; Length 2
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3;
                                        1 (bases 1 to 20)
Sarvetnick, N. and Fox, H.
Pancreatic progenitor 1 gene and its uses
Patent: US 6541251-A 4 01-APR-2003;
Location/Qualifiers
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1 (bases 1 to 20)
Watt,A.T.
Watiense modulation of raidd expression
Patent: US 6551826-A 99 22-APR-2003;
Location/Qualifiers
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AR307888
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Best Local Similarity 84.2%;
Matches 16; Conservative
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AR307888
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Unclassified.
Unclassified.
I bases 1 to 20)
Freier, S.M. and Wyatt, J.
Antisense modulation of syntaxin 4 interacting protein expression
Patent: US 6503756-A 246 07-JAN-2003;
Location/Qualifiers
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University M.S., Shoemaker, D.D., Davis, R.W. and Mittmann, M.P. Selecting tag nucleic acids
Selecting tag nucleic acids
Patent: US 645630-A 14 01-OCT-2002;
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Sequence 246 from patent US 6503756.
AR272176.1 GI:29703744
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Sequence 14 from patent US 6458530.
AR233332
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Sequence 4 from patent US 6541251.
AR302586 1 GI:31690883
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AR302586
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AR272176/c
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Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners Patent: WO 0183749-A 538 08-NOV-2001;

WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAT 17-FEB-2003
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1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Cankaran,B. and Pletcher,L.D.
Forlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 4262 06-MAY-2003;
Location/Qualifiers
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Mus sp.
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Matches 16; Conservative 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3;
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Patent: WO 02072882-A 4861 19-SEP-2002;
OGHAM GmbH (DE)
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Sequence 4861 from Patent WO02072882.
AX613836 GI:28409265
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Sequence 538 from Patent WO0183749.
AX298904
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/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095" |
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/organism="Homo sapiens"
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Best Local Similarity 84.2
Matches 16; Conservative
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AX613836/c
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1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Shankaran,B. and Fletcher,L.D.
Shamydia pneumoniae polymiclectides and uses thereof
Patent: US 6559294-A 3333 06-MAY-2003;
Location/Qualifiers
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymuclectides and uses thereof
Patent: US 6559294-A 1292 06-MAY-2003;
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1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.9e+02;
vative 0; Mismatches 3; Indels
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AR313725 GI:31707151
                                                                                                         AR310755 20 bp DNA Sequence 1292 from patent US 6559294. AR310755
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/organism="unknown"
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/organism="unknown"
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                         1 AGCAGGCATGGTGGCAAA 19
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 955 AGCTGGGCAGGGTGGCACA
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Best Local Similarity 84.2
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AR310755/C
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AR312796/c
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OS Artificial Sequence
PN WO 013872-A/18
PD 31-MAY-2001
PF 16-MOY-2000 WO 2000JP008073
PR 19-MOY-1999 JP 99P 330726,25-JUL-2000 JP 00P 224663 PI
KAZUHIKO AOYAGI,HIROXI SASAKI,MASAAKI TERADA,JUNICHI MINENO, PI
KIYOZO ASADA,
PI CIQUI/68,CI2N15510
CC C12Q1/68,CI2N15510
CC Designed oligonuclectide primer to amplify a portion of human
CC B2F-2 gene
CC Designed oligonuclectide primer To amplify a portion of human
CC PRIME SOURCE
FH Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Miraglia, L. J. Nero, P., Graham, M. J., Monia, B. P. and Cowsert, L. M. Antigalia, L. J., Nero, P., Graham, M. J., Monia, B. P. and Cowsert, L. M. Antigense modulation of human MDM2 expression
Patent: JP 2002508944-A 12 26-MAR-2002;
S Unidentified
BN J2 2002508944-A/12
PP 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PP 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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CI2N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
CI2Q1/68,
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Topology: Linear,
Antisense modulation of human MDM2 expression FH
Location/Qualifier
source
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Location/Qualifiers
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llarity 84.2%; Pred. No. 5.9e+02;
Conservative 0; Mismatches 3; Indels
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Location/Qualifiers
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/organism="synthetic construct"
/moi_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002508944-A/12.
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Best Local Similarity
Matches 16, Conserv
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BD138086/c
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BD094869.1 GI:22640457
W0 0138572-A/18.
synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 20)
Aoyagi,K., Sasaki,H., Terada,M., Mineno,J., Asada,K. and Kato,I.
A method for amplifying the nucleic acids
A method for Implifying the nucleic acids
TAKARA SHUZO CO LTD, KAZUHIKO AOYAGI,HIROKI SASAKI,MASAAKI TERADA, JUNICHI MINENO,KIYOZO ASADA,IKUNOSHIN KATO
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A method of arraying genome clone
Patent: JP 2001321190-A 1522 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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1.3%; Score 14.2; DB 1; Length 2
Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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A method of arraying genome clone.
BD089278
  /mol_type="genomic DNA"
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                                                                                                                                                   253 AGGACTTAGACAGGAGGAC 271
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JP 2001321190-A/1522.
synthetic construct
synthetic construct
artificial sequences.
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BD094869
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BD089278
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Synthetic construct
synthetic construct
artificial sequences.

1 (Dases 1 to 20)
Serizawa,N., Haruyama,H., Takahashi,W., Nakahara,K. and Yonehara,S.
Antihuman Fas humanized antibody-containing antirheumatic
Patent: JP 200154149-A 101 06-JUN-2000;
SANKYO CO LTD
OS Artificial Sequence
PD 06-JUN-2000
PP 17-SEP-1999 JP 1999263984
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AGIK39/395, AG1P29/00, C12N15/09//C07K16/28,C12P21/02,C12N15/00
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Location/Qualifiers
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HIGAKI MEGUMI, SHOJI YOKO, MIZUSHIMA YUTAKA CO7H21/04,A61K11/70,A61K31/70,C12P19/34; strandedness: Single; tcpology: Linear; anti-sense: Yes.
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3;
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Organism="synthetic construct"

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/db_xref="taxon:32630"

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E40730.1 GI:18627319
JP 2000154149-A/101.
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Best Local Similarity 84.2
Matches 16; Conservative
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,I.M.
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,I.M.
Antiense modulation of human MDM2 expression
Patent: JP 2002508944-A 250 26-MAR-2002;
S. Unidentified
DD 26-MAR-2002
PD 26-MAR-1999 JP 2000538025
PP 26-MAR-1999 US 09/048810
PR 26-MAR-1999 US 09/048810
PR 10-NRU J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
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Antisense modulation of human MDM2 expression FH
Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
vative 0; Mismatches 3; Indels
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N Antisense oligonucleotide to IL-1 beta.
E06733

E06733.1 GI:2174915
JP 1994041185-A/4.

Synthetic construct
artificial sequences.
I (bases 1 to 20)
Higas, M., Shoi, Y. and Mizushima, Y.
OHOSPHOOLIGONUCLEOTIDE AND ITS USE
Patent: JP 1994041185-A 4 15-FEB-1994;
I T KENKYUSHO:KK
OS Artificial gene
CC Artificial gene
PD 1994041185-A/4
PD 15-FEB-1994
PP 16-JUL-1992 JP 1992213519
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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        465 GAGCTCCAGGAACTTGGCA
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PAT 07-0CT-1996
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1 (bases 1 to 20)

Bauer, H.M., adavitt, P.E., Greer, C.E., Manos, M.Michele.,
Resnick, R.M. and Zhang, T.Y.

Besction of human papillomavirus by the polymerase chain reaction
Patent: US 5527898-A 11 18-JUN-1996;

Location/Qualifiers
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Unclassified.
(Cases I to 20)
Manos,M.Michele., Bauer,H.M., Greer,C.E., Resnick,R.M. and Ting,Y.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5447839-A 6 05-SEP-1995;
Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
cive 0; Mismatches 3; Indels
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Pred. No. 5.9e+02;
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Sequence 11 from patent US 5527898.
122523.
122523.1 GI:1602877
       1 (bases 1 to 20)
Okamoto, H. and Nakamura, T.
Oligonucleotides and determination s
Patent: US 5427909-A 41 27-UUN-1995;
Location/Qualifiers
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114209
114209.1 GI:997224
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artificial sequences.

artificial sequences.

I (bases 1 to 20)

RS Takeuchi, S., Ito, N. and Ono, S.

Novel adenovirus and method for assaying the same patent: up 2001095583-A 25 10-ApR-2001;

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STORIOSESSA-A/25

D 10-APR-2001

PF 30-CSP-1999 UP 199278661

PF 30-CSP-1999 UP 19927861

PF 30-CSP-1999 UP 199278661

PF 30-CSP-1999 UP 199278661

PF 30-CSP-1999 UP 199278661

PF 30-CSP-1999 UP 19927861

PF 30-CSP-1997861

PF 30-CSP-1997861
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primer used for amplifying fiber region of adenovirus FH
Location/Qualifiers.
Location/Qualifiers
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Bos,J.L. and Van der Eb,A.J.
Probes and methods for detecting activated ras oncogenes
Patent: US 4871838-A 3 03-OCT-1989;
The Board of Rijks Universiteit Leiden; Leiden;
NJ.
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Pred. No. 5.9e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 41 from patent US 5427909.
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112631.1 GI:910013
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PAT 26-SEP-2002
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1 (bases 1 to 14)

Petrovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein

Retinoid metabolizing protein

Patent: US 6306624-A 17 23-OCT-2001;

Location/Qualifiers
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1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
                                                                  Length 14;
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1.3%; Score 14; DB 1; Length 14
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
                                                                  Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
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Kurz,M., Lohse,P. and Wagner,R.

Peptide acceptor ligation methods

Patent: US 6429300-A 20 06-AUG-2002;

Location/Qualifiers
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AR174027
AR174027.1 GI:17914347
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AR222460 GI:23329991
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                                                         PAT 07-OCT-1997
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Bauer, H.M., Gravitr, P.E., Greer, C.E., Impraim, C.C.,
Manos, M.Michele., Resnick, R.M. and Zhang, T.Yi.
Detection appillomavirus by the polymerase chain reaction
Patent: US 5639871-A 11 7-UN-1997;
Location/Qualifiers
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Wang.C.-G. and Hepburn,A.G.
Wang.C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Genetic sequence assay using DNA triple strand formation
Fatent: US 5861244-A 75 19-JAN-1999;
Location/Qualifiers
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1 (bases 1 to 14)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 76 19-JAN-1999;
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Best Local Similarity 84.2%; Pred. No. 5.9e+02;
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Sequence 76 from patent US 5861244.
AR029887.1 GI:5943101
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Sequence 75 from patent US 5861244.
AR029886.1 GI:5943100
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Sequence 11 from patent US 5639871.
147348 1 GI:2471313
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NISM Strifficial sequences.

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                                                                                                       Polymorphisms and new genes in the region of the human hemcohromatosis gene.
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tive 0; Mismatches 0; Indels
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Suishelm,K., Hosier,S. and Kubbies,M.
Isolation of novel aging factor gene P23
Isolation of novel aging factor gene P23
Detent: JP 2001512698—A 5 28-AUG-2001;
UNIVERSITY OF WASHINGTON
OS Unidentified
PD 28-AUG-2091
PF 05-AUG-1999 UP 2000506375
PR 08-AUG-1997 US 08/908873
PI KAREN SUISHELM,SUZANNE HOSIER,MANFRED KUBBIES PC
C1201/68,COTK14/435,COTK16/18,C12N1/15,C12N1/19,C12N15/09, PC
C1221/02,
PC C12221/03,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Isolation of novel aging factor gene P23
FT source /organism='Unidentified'.
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Detection system for separating constituents of a sample and parduction and use of the same production and use of the same Patent: WO 0011147-A 5 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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/organism='Unidentified'.
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Region A"
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   Sequence 5 from Patent WO0071747.
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AX048406.1 GI:12225570
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JP 2001512698-A/5.
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BD176795

BD176795

ION Method of constructing CDNA tag for identifying expressed gene and method of analyzing gene expression.

BD176795

BD17679
                                                                                                                                                                                                                                                                                                                                Description of Artificial Sequence: synthetic oligonucleotide Key Location/Qualifiers.

Location/Qualifiers
                                                                                              Artificial Sequence
JP 2002609443-A/1
26-MAR-2002
30-OCT-1999 US 60/063969
MILLIAM G WEISBURG, PAUL D STULL, MICHAEL R RESHATOFF PC
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Best Local Similarity 100.0%; Pred. No. 4.7e+02;
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Matches 14; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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db_xref="taxon:32630"
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/organia="synthetic construct"
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Methods of nucleic acid detection
Patent: JP 2002509443-A 1 26-MAR-2002;
GEN PROBE INC
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NDS
SYNCHOLD OLIGONUCLECTION

STATE OLIGONUCLECTION

SALTIFICIAL SEQUENCES.

I (bases 1 to 14)
ARXOTO KOMIYAMA, HIROYUKI ASANUMA

T ARXOTO KOMIYAMA, HIROYUKI ASANUMA

T ARXOTO KOMIYAMA, HIROYUKI ASANUMA

T PR UB-DEC-2001
PF 02-JUN-2000 JP 2000165441
PD 18-DEC-2001
PF 02-JUN-2000 JP 2000165441
PF 02-
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N Methods of mucleic acid detection.
Methods of mucleic acid detection.
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BD132850.1 GI.23227795
JP 2002509443-347.1
Synthetic construct
Synthetic construct
artificial sequences.
I (bases 1 to 14)
Weisburg, W.G., Stull, P.D. and Reshatoff, M.R.
       Oligonucleotide for SNP detection
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/mol_type="genomic DNA"
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 160 17-NOV-1998;
Location/Qualifiers
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Grimm, S., _Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 363 17-NOV-1998;
Location/Qualifiers
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Sequence 360 from patent US 5837542.
AROS6156 GI:5981733
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Sequence 363 from patent US 5837542.
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AR056159.1 GI:5981736
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BD176804

BD176804

BD176804.1 GI:29122516

S W 0 20704951-A/51.

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S Ynthetic construct

artificial sequences.

I (bases 1 to 14)

S Yamamoto,M., Yamamoto,N., Hirose,K. and Sakai,J.

A Method of constructing cDNA tag for identifying expressed gene and method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

AL Patent: WO 02074951-A 51 26-5EP-2002;

KUNHTAKA HIROSE,JUN SAKAI

OS Artificial Sequence

PN WO 02074951-A/51

PN MAR-2002 WO 2002UP002338

PR 13-WAR-2002 WO 2002UP002338

PR 13-WAR-2002 WO 2002UP002338

PR 15-MAR-2001 UP 01P 073559

PR MIKIO YAMAMOTO, NAOKI YAWAMOTO, KUNITAKA HIROSE, JUN SAKAI PC C SYNThetic DNA Location/Qualifiers

FT Source 10. 14
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WO 02074951-A/48.

Synthetic construct

synthetic construct

artificial sequences.

I (State 10 14)

Stammoto, M., Yamamoto, N., Hirose, K. and Sakai, J.

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.

AURENA HIROSE, UND SAKAI

OS Artificial Sequence

NO 02074951-A/48

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                                14 bp DNA linear PAT 18-MAR-2003 Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.
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/organism="synthetic construct"
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Ribozyme treatment of diseases or conditions related to levels intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 363 17-OCT-2000;
Location/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 15)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Garner, Phic. repeats in human genes
Polymorphic repeats in human genes
Patent: US 6472154-A 158 29-OCT-2002;
Location/Qualifiers
                                                                                                                           Length 15;
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1.3%; Score 14; DB 1;
Best Local Similarity 93.3%; Pred. No. 5e+02;
Matches 14; Conservative 0; Mismatches
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 158 from patent US 6472154.
AR241870
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/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
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AR241870/c
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In (bases 1 to 15)

Dramm, A., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

Patent: US 6132967-A 360 17-OCT-2000;

Location/Qualifiers
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                                                                                                                                                                Unclassified.

1 (bases 1 to 15)

1 (bases 1, Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas. Obigonucleotide repeat arrays
Patent: US 5981185-A 8 09-NOV-1999;
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
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                                                           AR084519 15 bp 25quence 8 from patent US 5981185. AR084519.1 GI:10011290
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AR113914/c
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Unknown.
Unclassified.
1 (bases 1 to 15)
Cook, P.D., Delecki, D.J. and Guinosso, C.
Acyclic nucleoside analogs and Oligonucleotide sequences containing
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                            PAT 06-FEB-1997
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Unclassified.
E 1 (bases 1 to 16)
AS Grysznov, S.M. and Lloyd, D.H.
Oligonucleotide clamps having diagnostic and therapeutic applications
Applications
Location/Qualifiers
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1.3%; Score 14; DB 1;
Best Local Similarity 93.3%; Pred. No. 5e+02;
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1 (bases 1 to 16)
Grysznov, S.M. and Lloyd, D.H.

Oligonucleotide clamps
Patent: US 5741643-A 6 21-APR-1998;

Location/Qualifiers
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Location/Qualifiers
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/organism="unknown" 0 t
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Sequence 6 from patent US 5817795.
AR045207 1 GI:5966672
                       Sequence 4 from patent US 5576427.
I29066
I29066.1 GI:1819857
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AR002257/c
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1 (bases 1 to 15)
Cook, P.D., Delecki, D.J. and Guinosso, C.
Acyclic nucleoside analogs and oligonucleotide sequences containing them
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100.0%; Pred. No. 5e+02;
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Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Location/Qualifiers
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Sequence 340 from Patent EP1260586.
AX633201
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/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
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Sequence 3 from patent US 5576427.
129065 1 GI:1819856
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/organism="unknown"
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PAT 20-APR-2002
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Unclassified.
1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
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Convergent synthesis of branched and multiply connected
macromomolecular structures
Patent: US 5571677-A 6 05-NOV-1996;
Location/Qualifiers
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Unclassified.
1 (Dasse 1 to 16)
1 (Dasse 1 to 16)
Gryaznov, S.M. and Lloyd, D.H.
Oligonucleotide clamps having diagnostic applications
Patent: US 5473060-A 6 05-DEC-1995;
Location/Qualifiers
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26quence 6 from patent US 5571677.

128367.1 GI:1819143
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Sequence 6 from patent US 5473060.
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Unclassified.
1 (bases 1 to 16)
Gryaznov, S.M.
Convergent synthesis of branched and multiply connected macromolecular structures
Patent: US 5830658-A 6 03-NOV-1998;
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_Xref="taxon:9606" a
a 1 c 1 g 0
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Sequence 6 from patent US 5830658.
AR051238
AR051238.1 GI:5974602
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Sequence 64 from Patent WO0200691.
AX359760
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             /organism="unknown"
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Best Local Similarity 100.
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Collection of binding molecules
Patent: EP 1174518-443 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 21 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texcon:32630"
/note="position 41"
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100.0%; Pred. No. 5.8e+02;
ive 0; Mismatches 0;
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/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="position 41"
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AX362660 AX362660.1 GI:18694800
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Sequence 43 from Patent W00208463.
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Unknown.
Unclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavco,P., McSwiggen, or the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2553 12-FEB-2002;
Location/Qualifiers
related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2548 12-FEB-2002;
Location/Qualifiers
1. .17 / Organism="unknown"
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Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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Patent: EP 1174518-A 21 23-JAN-2002,
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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100.0%; Pred. No. 5.8e+02;
tive 0; Mismatches 0;
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Sequence 2553 from patent US 6346398.
AR187065.1 GI:20233030
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Sequence 21 from Patent BP1174518.
AX352815
AX352815.1 GI:18617897
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HUM431UVB 19 Pp DNA linear STS 29-MAY-2002 A PCR primer for human chromosome 21 Sfi I linking clone STS, location 21q22.1, sequence tagged site.
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Tanahashi, H., Ito, T., Hattori, M., Ohira, M., Ohki, M., Tashiro, K. and
             E04839 19-SEP-1997
Synthetic DNA for site directed mutagenesis of interleukin 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria, Primates, Catarrhini, Hominidae; Homo.
                                                                                                                                                                                                                                Artificial general financial collin, 1000 constantial general collin, 1000 constantial general sequence; Genes.

OC Artificial general finance spinal finance spinal finance spinal finance spinal finance; Genes.

OS Homo sapiens (human)

PN 1993091892-A/17

PD 16-APR-1993

PP 10-COCT-1991 JP 1991255521

PI KISHIMOTO CHUZO, HACHIMAN HIDEO, YASUKAWA KIYOSHI PC

C12P21/02, COTK13/00, C12N5/10, C12N15/12, (C12P21/02, C12R1:91); CC

Strandedness: Single;

CC topology: Linear;

CC hypothetical: No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Submitted (28-APR-1995) Yoshiyuki Sakaki, Institute of Medical Science, University of Tokyo, Human Genome Center; 4-6-1 Shirokanedal Minato-ku, Tokyo 108, Japan (B-mail:sakaki@hgc.ims.u-tokyo.ac.jp, Tel:03-5449-5362, Pax:03-5449-5445)
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                                                                        John St. 2173035

JP 1933091892-A/17.

Synthetic construct
synthetic construct
artificial sequences.

I (bases I to 18)

Kishimoto, C., Hachiman, H. and Yasukawa, K.

IL-E RECEPTOR DERIVATIVE
Patent: JP 193091892-A 17 16-APR-1993;

KISHIMOTO CHUZO, CHUZO, CHUZOAI PHARMACEUT CO LTD, TOSOH CORP
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100.0%; Pred. No. 5.8e+02;
ive 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630" 1 t
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Yoshiyuki Sakaki
                                                                                                                                                                                                                                                                                                                                                                                 topology: Linear;
hypothetical: No.
Location/Qualifiers
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Homo sapiens
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D50176.1 GI:801782
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akaki, Y.
irect Submission
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Best Local Similarity 100.0
Matches 14; Conservative
                                                  receptor.
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Pred. No. 5.88+02;
Dred. No. 5.88+02;
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1.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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                                                                                         Loukachov, V.V., Goudsmit, J. and van Gemen, B. Collection of binding molecules
Patent: WO 0208463-A 43 31-JAN-2002,
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:2533"
/note="position 41"
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100.0%; Pred. No. ...
0; Mismatches
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Human Genome Center Institute of Medical Science

RESULT 591

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PAT 21-NOV-2001
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munuostimulatory nucleic acids
Patent: WO 0122972-A 431 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
                                                                                                                                                                                                                                                                                                                                 Unclassified.
Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
2 (bases 20)
3 (bases 20)
3 (bases 20)
3 (bases 20)
4 (bases 20)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 6.3e+02;
iive 0; Mismatches 0;
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Sequence 5974 from Patent WO0179548.
AX294212
AX294212.1 GI:17055895
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Sequence 431 from Patent WO0122972.
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AX104239.1 GI:13920436
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artificial sequences.
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AX294212
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Unknown.
Unclassified.
Unclassified.
I (bases 1 to 20)
Kambara,H. and Okano,K.
DNA sample preparation method
DNA sequencing method and DNA sample preparation method
Patent: US 598556-A 4 16-NOV-1999;
Patent: US cation/Qualifiers
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1 (bases 1 to 20)
Kambara, H. and Okano, K.
DNA sequencing method and DNA sample preparation method
Patent: US 598556-A 3 16-NOV-1999;
Location/Qualifiers
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1.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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1.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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1.3%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0;
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Sequence 4 from patent US 5985556,
AR086110
AR086110.1 GI:10012876
                                                                                                                                                  1. .19

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/chromosome="21"

f a 3 c 8 g 2
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Sequence 3 from patent US 5985556.
AR086109 GI:10012875
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/organism="unknown"
a 2 c 3 g
                                                                                      Phone: 03-5449-5362
Fax : 03-5449-5445.
Location/Qualifiers
University of Tokyo
4-6-1 Shirokanedai Minato-ku
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AR086110/c
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100.0%; Pred. No. 6.3e+02;
tive 0; Mismatches 0; Indels
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                                                                          // crganism="synthetic construct
/mcl_type="genomic DNA"
/db_xref="taxon:32630"
/note="taxon:32630"
/note="taxon:3669"
/ cfe="taxon:2669"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db xref="texon:32630"
/noTe="Synthetic Sequence"
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1 (bases 1 to 20)
Ckano, K. and Kanbara, H.
PRIMER FOR DNA POLYMERASE REACTION AND DET
POLYNUCLEOTIDE SEQUENCE USING THE SAME
PARENT: JP 1996332100-A 1 17-DEC-1996;
HITACHI LTD
OS None
OC Artificial sequences.
PN JP 1996332100-A/1
PD 17-DEC-1996
                                                                                                                                                                                             1.3%; Score 14; DB 1; Le
100.0%; Pred. No. 6.3e+02;
iive 0; Mismatches 0;
Mckay,R.
Antisense modulation of ptplb expression
Patent: WO 0210378-A 53 07-FBB-2002;
ISIS PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 431 from Patent WO02053141.
AX547292.
AX547292.1 GI:25812436
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Oligonucleotide.
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E12411.1 GI:3251244
UP 1996332100-A/1.
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                                                                             Barany, F., Zirvi, M., Gerry, N. P., Favis, R. and Kliman, R.
Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179549-A S74 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Methods for enhancing antibody-induced cell lysis and treating
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    /db_tref="taxon:32630"
    /nobe="Synthetic oligonucleotide-phosphorothioate backbone"

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1.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="aganomic DNA"
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/noTe="Hypothetical Probe Sequence"
6 q 5 t
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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100.0%; Pred. No. 6.3e+02;
ive 0; Mismatches 0;
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Sequence 737 from Patent WO0197843.
AX355709
AX355709.1 GI:18620377
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Sequence 53 from Patent WO0210378.
AX418658
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                                  synthetic construct artificial sequences.
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AX418658/C
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100.0%; Pred. No. 6.3e+02;
cive 0; Mismatches 0; Indels
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JP 1997140400-A/2
03-JUN-1997
13-SEP-1996 JP 1996242929
18-SEP-1996 JP 99P 238141
0KANUN KAZUNOBU, KANBARA HIDEKI
CI201/68/G01N27/447/G01N33/58//C12N15/09;
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100.0%; Pred. No. 6.3e+02;
tive 0; Mismatches 0;
                                           E13188.1 GI:3251993
UP 1997140400-A/2.
unidentified
unclassified.
1 (bases 1 to 20)
OKANO,K. and Kanbara,H.
DETERMINATION OF BASE SEQUENCE
PACEN: JP 1997140400-A 2 03-JUN-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
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Sequence 4 from patent US 5567586.
127758.1 GI:1818534
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/db_xref="taxon:32644"
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/organism='Artificial sequences'.
Location/Qualifiers
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/organism='Artificial sequences'.
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1.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.38+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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JP 1997140400-A/1
03-JUN-1997
13-SEP-1996 UP 1996242929
18-SEP-1996 UP 99F 238141
CKANUORU, KANDARA HIDEKI
CL201/68 GOINZ9/447, GOIN33/58//CI2N15/09,
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Chanc, K. and Kanbara, H.
DETERMINATION OF BASE SEQUENCE
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OS None
OS None
OS None
OS None
OS TARRIAN 1997
PP 19-1996 UP 1996247
PP 18-SEP-1996 UP 1996247
PP 18-SEP-1995 UP 95P
PR 18-SEP
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1.3%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0;
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  06-JUN-1995 JP 1995139051
OKANO KAZUNOBU, KANBARA HIDEKI
C1201/68,CO7H21/04//C12N15/09;
strandedness: Single;
topology: Linear;

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/db_xref="taxon:32644"

    .20
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Unknown.
Unclassified.
I (bases in to 17)

I (bases)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Rethod and reagent for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7818 12-FFB-2002;

Location/Qualifiers
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Unclassified.
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Unclassified.
I bases.
Pavco, P. P. McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P. McSwiggen, J. Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2554 12-FEB-2002;
Location/Qualifiers
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 Method for evaluating oligonuclectide probe sequences Patent: US 6251588-A 111 26-JUN-2001; Location/Qualifiers
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Pred. No. 6e+02;
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88.2%; Pred. No. 6e+02;
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Sequence 7818 from patent US 6346398.
AR192330. GI:20238295
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17 bp DNA
Sequence 2554 from patent US 6346398.
AR187066
AR187066.1 GI:20233031
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                                                             /organism="unknown"
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Best Local Similarity 88.2
Matches 15; Conservative
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AR187066/c
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Unclassified.
I (bases 1 to 17)
Shannon.K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and
Kincaid,R.H.
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                                                                                                                                                           METHOD FOR DETECTING A NUCLEOTIDE SEQUENCE BY SANDWICH HYBRIDIZATION
PATENT: WO 9119812-A 38 26-DEC-1991;
Location/Qualifiers
1. .17
/organism="synthetic construct"
//mol_type="genomic DNA"
//mol_type="genomic DNA"
//do_xref="taxon:32630"
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HYBRIDIZATION
PATENT: WO 9119812-A 40 26-DEC-1991;
1. 0.17
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 A32738 17 bp DNA linear Synthetic detection probe for HIV1 gag region. A32738.1 GI:1567586
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1.3%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 2;
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1.3%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 2;
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                                                                                               synthetic construct artificial sequences.
1 (bases 1 to 17)
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artificial sequences.
1 (bases 1 to 17)
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AR158489
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Patent: WO 0159077-A 20 16-AUG-2001;
REGENTS OF THE UNIVERSITY OF MINNESOTA (US); COLLINS, James Edward (US); Faaberg, Kay S. (US); ROSSOW, Kurt D. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                    Collins,J.E., Faaberg,K.S. and Rossow,K.D.
Porcine reproductive and respiratory syndrome virus and methods of
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18.2%; Pred. No. 6e+02;
ve 0; Mismatches 2; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                          1.3%; Score 13.8; DB 1
88.2%; Pred. No. 6e+02;
tive 0; Mismatches
Patent: US 6528640-A 559 04-MAR-2003;
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Sequence 2484 from Patent WO0159103.
AX217042
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Sequence 20 from Patent WO0159077.
AX213186 AX213186.1 GI:15524130

    1.17
    /organism="unknown"

               Location/Qualifiers
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I (bases 1 to 17)
Pavco, P., McSwigger, Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwigger for the treatment of diseases or conditions method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6446398-A 7819 12-FEB-2002;
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Zwick, M. G., Edingcon, B. E., McSwiggen, J. A., Merlo, P. Ann. Owens., Guo, L., Skokut, T. A., Young, S. A., Folkerts, O. and Merlo, D. J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 147 26-FEB-2002;
Location/Qualifiers
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(bases i to 17)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity
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Seguence 559 from patent US 6528640.
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AR192331/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 386 30-AUG-2001,
Patent: WO 0162911-A 186 10-AUG-2001,
Patent: WO Ular PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                                        Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 984 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Sequence 386 from Patent WO0162911.
AX272817
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Sequence 387 from Patent WO0162911.
AX272818
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Best Local Similarity 88.2
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 983 04-OCT-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 6e+02;
tive 0; Mismatches 2;
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/mol_type="mRNA"
/db_xref="taxon:32630"
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Sequence 441 from Patent WO0157206.
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Seguence 983 from Patent WO0173002.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX263592.1 GI:16512391
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Shannon,M., Gu,Y., and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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Molecular Engines Laboratories (FR)
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Medica: EP 1281758-A 5358 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
                                                   Patent: EP 1281758-A 5261 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 5358 from Patent EP1281758.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Matches 15, Conservative
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                  Bukaryoča, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Hamblin, P.A. and Ellis, J.H.

Ellis, J.H.

Method and reagent for the inhibition of grid

Patent: WO 0162911-A 387 30-AUG-2001;

RIBOZYME PHARMACHICALS, INC. (US); GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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88.2%; Pred. No. 6e+02;
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AX692829
AX692529.1 GI:29415487
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/mol_type="mRNA"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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   AX272818.1 GI:16545555
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments Patent: WO 3030217-A 177 27-WAR-2003; Molecular Engines Laboratories (FR)
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88.2%; Pred. No. 6e+02;
tive 0; Mismatches 2; Indels
                 Query Match 1.3%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 6e+02; Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 6e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX733667
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/db_xref="taxon:9606"
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX728303
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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               /organism="Mus musculus"
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/db_xref="taxon:10090"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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1 (Dases 1 to 17)

1 (Cases 1 to 17)

1 (Cases 2 to 17)

2 (Cases 2 to 17)

2 (Cases 3 to 17)

2 (Cases 4 to 17)

3 (Cases 4 to 17)
                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                             Unknown.
Unclassified.
1 (bases 1 to 17)
Cros, P., Allibert, P., Mallet, F., Mabilat, C. and Mandrand, B. Sandwich hybridization assays using very short capture probes noncovalently bound to a hydrophobic support
Patent: US 5695926-A 59 09-DEC-1997;
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1 (bases 1 to 18)
Ophoff,R.A., Terwindt,G.M., Ferrari,M.D. and Frants,R.R. Agene related to migraine in man
Patent: WO 9813490-A 121 02-APR-1998;
OPHOFF ROEL ANDRE (NL)
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6e+02;
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88.2%; Pred. No. 6e+02;
ive 0; Mismatches 2;
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Sequence 59 from patent US 5695926.
184288
184288.1 GI:3021808
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                   Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments, 27-MAR-2003; Patent: WO 30302177-A, 676 27-MAR-2003; Molecular Engines Laboratories (FR)
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Pred. No. 6e+02;
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Pred. No. 6e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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568 GATCCTCGCTGCCTCAC 584
                                1 GATCCTCCTGCCTCCC 17
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llarity 88.2%;
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AX735420/c
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Unknown.
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1 (Dassel to 18)
Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,U.M., Kiely,J. and Griffith,M.
Peptide nucleic acids
Patent: US 6451968-A 32 17-SEP-2002;
Location/Qualifiers
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Unclassified.
I (bases 1.0 18)
Egholm, M., Nielsen, P., Buchardt, O., Dueholm, K.L., Christensen, L.,
Coull, J.M., Kiely, J. and Griffith, M.
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Unknow...
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1 (bases 1 to 18)
Sorgey.7.A.
Methods for detection of a target nucleic acid using a probe comprising secondary structure
Patent: US 6350580-A 2 26-FEB-2002;
Location/Qualifiers
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Sequence 33 from patent US 6451968.
AR231296
AR231296.1 GI:27272227
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Sequence 32 from patent US 6451968.
AR231295
AR231295.1 GI:27272226
                                                         AR195017 18 bp
Sequence 2 from patent US 6350580.
AR195017
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AR231296/c
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AR195017
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AR231295/c
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1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Unclassified.
1 (bases 1 to 18)
Altisense inhibition of Elk-1 expression
Patent: US 5948680-A 44 07-SEP-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                             DNA
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Patent: EP 0834561-A 121 08-APR-1998;
UNIV LEIDEN (NL)
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Sequence 121 from Patent EP0834561.
A79284
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Sequence 44 from patent US 5948680.
AR073071
              1. .18
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/db_xref="taxon:32644"
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/organism="unknown"
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Location/Qualifiers
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Gaps

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 18)

Frantz, R. I.E., Ferrari, M. D., Teruvinto, H. M. and Opuhofu, R. A.

A gene related to migraine in man

D Patent: UP 2001500743-A 83 23-JAN-2001;

RYUKUS UNIVERSITAT TO RAIDEN
OS Homo sapiens (human)

PN JP 2001500743-A/83

PD 23-JAN-2001

PP 26-SEP-1997 JP 1998515527

PR 27-SEP-1997 JP 1998515527

PR 27-SEP-1996 EP 96202707.

PI RENE ROBERT ISAAK ERIF FRANTZ, MICHEL DOMINIQUE FERRARI, PI
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Altaba, A.Ruizi.
Methods and materials for the diagnosis and treatment of sporadic
basal cell carcinoma
Patent: US 6238876-A 5 29-MAY-2001,
Location/Qualifiers
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CIZNS/10,CIZQ1/02,CIZQ1/68,CIZNI5/00,CIZNS/00 CC
Key Location/Qualifiers
primer bind (1) (18)
Location/Qualifiers
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larity 88.2%; Pred. No. 6.2e+02;
Conservative 0; Mismatches 2; Indels
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    Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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                                                                                                                                                                 DNA
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                          A gene related to migraine in man. BD003514
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AR154250
AR154250.1 GI:15122303
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6 c 3 q
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JP 2001500743-A/83.
Homo sapiens (human)
Homo sapiens
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Patent: WO 0178894-A 96 SS-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
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88.2%; Pred. No. 6.2e+02;
cive 0; Mismatches 2; Indels
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Organism="synthetic construct"
| And Lype="genomic DNA"
| Ab_rref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Peptide nucleic acids
Patent: US 6451968-A 33 17-SEP-2002;
Location/Qualifiers
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Methods for detection of a target n
Patent: WO 0132922-A 2 10-MAY-2001;
STRATAGENE (US)
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                                       1..18
/organism="unknown"
2 c 0 g
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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD
clade, Panicoideae, Andropogoneae, Zea.
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
clade; Panicoideae; Andropogoneae; Zea.
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Patent: WO 0112799-A 28 22-FBB-2001;
Suedwestdeutsche Saatzucht (DE)
Location/Qualifiers
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Patent: WO 0112798-28 22-FEB-2001,
Suedwestdeutsche Saatzucht (DE)
Location/Qualifiers
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M Unknown.
Unclassified.

E 1 (bases 1 to 19)
S Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a h
disequilibrium map of the human genome
tAL Patent: US 6537751-A 10360 25-MAR-2003;
Location/Qualifiers
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Sequence 28 from Patent WO0112798.
AX085178 GI:13275270
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/organism="Zea maye"
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/db_xref="taxon:4577"
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Sequence 28 from Patent WO0112799.
AXO85375 AXO85375.1 GI:13275430
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9 c 0 g
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Unclassified.
1 (bases 1 to 19)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 7203 25-MAR-2003;
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 6.5e+02;
tive 0; Mismatches 2; Indels
   Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                      linear
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Sakurada,K., Palmer,T. and Gage,F.H.
Regulation of Lyrosine hydroxylase expression
Patent: US 6312949-A 19 06-NOV-2001;
Location/Qualifiers
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Sequence 10360 from patent US 6537751.
AR298625.1 GI:31685909
                                                                                                                                                                      DNA
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Sequence 7203 from patent US 6537751.
AR295468
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Sequence 19 from patent US 6312949.
AR177687.1 GI:17920042
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                                                     462 GAAGAGCTCCAGGAACT 478
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                                                                              GAAGATCTCCAGAAACT 17
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Matches 15;
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AR177687/C
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AR298625
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RESULT 643

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Gaps

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AB069490 19 bp DNA linear SYN 21-MAY-2003 Synthetic construct DNA, forward primer for human STS sts-A009X34 at 1p36.
AB066490 AB069490.1 GI:15130294
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/moi_type="genomic DNA"
/moi_type="genomic DNA"
/db_xref="taxon:32630"
1. .19
/note="forward primer for human STS sts-A009X34 at 1p36
sts-A009X34 obtained from clones B61B17, B86A23, B26B112,
B316H11, B26P17, Human BAC library RPCI-11"
a 9 c 3 g 6 t
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Matanaba,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
A BAC-based STS-content map spanning a 35-Wb region of human
chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Selryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tchoku.ac.jp, Tel:81-22-717-8042; Fax:81-22-717-8047)
Location/Qualifiers
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SAG:apoptosis sensitivity gene
Patent: 19 2001526063-A 3 18-DEC-2001;
WARNER LAMBERT CO
OS Unidentified
PN JP 200152663-A/3
PD 18-DEC-2001
PR 15-DEC-1998 JP 2000525451
PR 19-DEC-1997 US 60/068179,11-SEP-1998 US
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JP 2001526063-A/3.
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1 (bases 1 to 18)
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2 (bases 1 to 19)
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BD096968/c
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AB069490/c
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Weber, J.L.

Ength polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n sequences and method of using the same
Patent: US 5582979-A 208 10-DEC-1996;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Ribozyme therapy for the treatment of proliferative skin and diseases
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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/organism="Homo sapiens"
/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
/note="Cyclin E ribozyme binding site"
0 c 3 g 11 t
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PMUDSOL, INC. (US)
Location/Qualifiers
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1. .19
/organism="Zea mays"
/mol_type="genomic DNA"
/db_xref="taxon:4577"
a B C 3 g
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/organism="unknown"
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Best Local Similarity 88.2
Matches 15, Conservative
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131296/c
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AX131078/C
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Unclassified.
I (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.
Draper,K.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 613267-A 364 17-OCT-2000;
Location/Qualifiers
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1 (bases 1 to 15)

2 arner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.

Polymer,Phic repeats in human genes

Patent: US 6472154-A 164 29-OCT-2002;

Location/Qualifiers
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1.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
                                              Length 15;
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93.3%; Pred. No. 6.2e+02;
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93.3%; Pred. No. 6.2e+02;
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Sequence 164 from patent US 6472154.
AR241876.1 GI:27287688
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Sequence 364 from patent US 6132967.
AR113918.1 GI:14094240
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AR241876/c
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CIZNIS/09,AGIK31/711,AGIK38/00,AGIK48/00,AGIP17/02,AGIP35/00,
PC AGIP39/06,CO7K14/47,CO7K16/18,CIZN1/19,CIZN1/19,CIZNI/21 PC
CIZNS/10,CIZQ1/68,
CIZNS/10,CIZQ1/68,
CIZNS/10,CIZQ1/68,
CIZNS/10,CIZONS/10 CC
Strandedness Single,
CC Topology: Linear;
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Makson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas. Oligomuclectide repeat arrays
Patent: US 5981185-A 7 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.
1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 364 17-NOV-1998;
Location/Qualifiers
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Local Similarity 93.3%; Pred. No. 6.2e+02;
les 14; Conservative 0; Mismatches 1; Indels
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Sequence 364 from patent US 5837542.
AR056160.1 GI:5981737
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
- 1 c 1 g 13
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Sequence 7 from patent US 5981185.
AR084518 GI:10011289
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Unclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. #
Kincaid,R.H.
Method for evaluating oligonuclectide probe sequences
Patent: US 6251588-A 110 26-JUN-2001;
Location/Qualifiers
Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. Kincaid, R.H. Method for evaluating oligonucleotide probe sequences Patent: US 6251588-A 109 26-JUN-2001; Location/Qualifiers
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1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                           1.2%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 6.9e+02; tive 0; Mismatches 1; Indels
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1 (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 835 04-MAR-2003;

Location/Qualifiers
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Sequence 835 from patent US 6528640.
AR286463 1 GI:29724059
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/organism="unknown"
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AR158488
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AR286463/c
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Method for the detection of viable Cryptosporidium parvum occysts
Patent: US 6146855-A 2 14-NOV-2000;
Location/Qualifiers
                                                                                                                                    Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpelsky, A., Draper, K.G., Kiskch, K., Watulic-Adamic, J., Kowisygen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.W., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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1.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualiflers
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          Sequence 342 from Patent EP1260586.
AX633203
AX633203.1 GI:28468817
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Sequence 2 from patent US 6146855.
AR141562 1 G1:15101078
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PAT 26-0CT-2001
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PAT 26-0CT-2001
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                         Bukaryota; Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 311 04-OCT-2001;
UNIVERSITY OF DELAMREE (US)
Location/Qualifiers
                                                                                                                                                                              Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 013002-A 3710 04-OCT-2001;
UNIVERSITY OF DELAMREE (US)
Location/Qualifiers
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Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Sequence 3711 from Patent WO0173002.
AX266320
AX266320.1 GI:16515119
17 bp Di
Sequence 3710 from Patent WO0173002.
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/db_xref="taxon:9606"
6 c 6 9
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
6 c 6 g
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Best Local Similarity 93.33
Matches 14; Conservative
                                                                                                             Homo sapiens
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AX266323/c
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AX266320
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1296 16-AUG-2001;
RIBOZYME HARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 1700 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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93.3%; Pred. No. 6.9e+02;
live 0; Mismatches 1;
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1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 1296 from Patent WO0159103.
AX215854
AX215854.1 GI:15525897
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Sequence 1700 from Patent WO0159103.
AX216258 1G1:15526301
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Best Local Similarity 93.33
Matches 14; Conservative
       15 TGGGGGCTGCAGGTC
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RESULT 661
AX216258/c
LOCUS
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REFERENCE AUTHORS

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UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
 Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 3718 04-OCT-2001;
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002.A 3715 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 3715 from Patent WO0173002.
AX266324
AX266324.1 GI:16515123
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Homo sapiens
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Matches 14; Conserv
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AX266324
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 367 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 3719 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 3719 from Patent WO0173002.
AX266328
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Sequence 367 from Patent W00162911.
AX272798
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RESULT 669
AX272821/C
LOCUS
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ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

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PAT 02-SEP-2002
                                                                                         PAT 02-SEP-2002
                                                                                                                                                                                      Gossypium hirsutum (upland cotton)
Gossypium hirsutum
Gosypium hirsutum
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Malvales; Malvaceae; Malvoideae; Gossypium.
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Gossypium hirsutum
Makaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Malvales; Malvaceae; Malvoideae; Gossypium.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: Wo 0192512-A 2112 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                     Kanlec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512.A 2111 06-DEC-2001;
UNIVERSITY OF DELARARE (US)
Location/Qualifiers
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1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 2111 from Patent WO0192512.
AX325973
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3 GCACCAGCCACAGCC 17
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Buthería; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bilis, J.H.
Method and reagent for the inhibition of grid
Patent: WO 0165911-A 390 30-AUG-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Ellis, J.H.

Method and reagent for the inhibition of grid

Patent: WO 0162911-A 610 30-AUG-2001;

RIBOZYME PHARMACHICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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93.3%; Pred. No. 6.9e+02;
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Sequence 390 from Patent WO0162911.
AX272821
AX272821.1 GI:16545558
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Seguence 610 from Patent WO0162911.
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Best Local Similarity 93.3
Matches 14; Conservative
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REFERENCE AUTHORS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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ORGANISM

REFERENCE AUTHORS JOURNAL

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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
Four paren: EP 1281758-A 3144 05-FEB-2003;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalla, Eutheria, Primates, Catarrhini, Hominidae, Homo
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 2083 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) , GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                                                   Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. a Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 2082 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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93.3%; Pred. No. 6.9e+02;
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Sequence 3144 from Patent EP1281758.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                      Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. and Randi, A.M.

Method and reagent for the inhibition of erg

Patent: WO 0188124-A 1073 22-NOV-2001;

RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 2073 22-NOV-2001;
RIBOZYME PHARMACENTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 2082 from Patent WO0188124.
AX423746.1 GI:21527128
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     AX422737
Sequence 1073 from Patent W00188124.
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AX423746/c
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DEFINITION
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Petent: WO 03025176-A 5257 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 1;
     Query Match
1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 6.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 3143 from Patent W003025176.
AX725456 GI:30504799
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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AX727570
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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93.3%; Pred. No. 6.9e+02;
tive 0; Mismatches 1;
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 3145 from Patent EP1281758.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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/organism="Homo sapiens"
/mol type="genomic DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025175-A 4563 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and an entry an entry and an entry an entry and an entry an entry and an entry an entry and an entry an entry and an
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Matches 14; Conservative 0; Mismatches 1; Indels
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                                                            AX732929 17 bp DNA Sequence 4563 from Patent WO03025175.
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AX732929.1 GI:30512272
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AX737496/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                       AX728333 17 bp DNA Sequence 6020 from Patent W003025176. AX728333
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
Mus musculus
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661 TCATGCAGCTGAAGC 675
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                                     TCATGCAGCAGAAGC 17
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AX728333
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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptocisis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03022177-A 4247 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
           Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Borneman, W. Scott., Goyal, A., Conder, M.J. and Vinci, V.A. Bioprocess for production of dipeptide based compounds Patent: W 6204008-A 3 20-WAR-2001;

Location/Qualifiers
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93.3%; Pred. No. 7.1e+02;
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Baker,B.F. and Cowsert,L.M.
Antisense inhibition of Elk-1 expression
Patent: US 5948680-A 35 07-SEP-1999;
Location/Qualifiers
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AR073062
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Sequence 3 from patent US 6204008.
AR142758
AR142758.1 GI:15104044
                                                                                                                                                                               /organism="Homo sapiens"
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/db_xref="taxon:9606"
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                                                                     Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleogtomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                   Telerman, A., Ameon, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente patence wo 0.3025177-A 3086 27-WAR-2003, Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 030251777-A 4083 27-WAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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   AX737496.1 GI:30516784
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                                   Homo sapiens (human)
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Atp binding cassette transporter protein abc1 polypeptides
Patent: WO 0079912 2 28-DEC-2000;
CV THERAPETUTICS, INC. (US)
Location/Qualifiers
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1.2%; Score 13.4; DB 1; Length 1
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Patent: BP 1174518-A 55 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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7 g 2 t
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1.2%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1;
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                  AX060912 18 bp
Sequence 21 from Patent W00078971.
AX060912
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Sequence 55 from Patent EP1174518.
AX352849.
AX352849.1 GI:18617931
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Sequence 55 from Patent W00208463.
AX362694
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Method for the selective identification of salmonella
Method for the selective identification of salmonella
Batent: WO 0036146-A 6 22-JUN-2000;
OWEN RICHARD HARLEY GRENVILLE (GB); CELSIS INT PLC (GB); PERCY
NEIL (GB); WICKS BENJAMIN (GB)
Location/Qualifiers
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Regulation with binding cassette transporter protein abol
Patent: WO 0078972-A 21 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
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/mol_type="genomic DNA"
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/note="Oligonucleotide"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="ABC1 sequencing primer"
0; Mismatches
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1 (bases 1 to 18)
Bruice, T.W. and Lima, W.F.

Bruice, T.W. and Lima, W.F.

Determination of oligonucleotides for therapeutics, diagnostics and research reagents

Pasenth reagents

Patent: US 5686242-A 1 11-NOV-1997;

Location/Qualifiers
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Tanzi,R.E., Schellenberg,G.D., Wasco,W., Levy-Lahad,E., Bird,T.D. and Galas,D.J.
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Albello variation of the serotonin 5HT7 receptor
Patent: US 5763183-A 5 09-UNN-1998;
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Sequence 29 from patent US 6468791.
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Sequence 5 from patent US 5763183.
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Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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1.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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                       Loukachov, V.V., Goudsmit, J. and van Gemen, B. Collection of binding molecules
Patent: WO 0208463-A 55 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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1 (bases 1 to 18)
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2 (bases 1 to 18)
Method for distinguishinko, K.
Method for distinguishing HLA-A allele tyn
Patent: JP 199216000-A 32 10-AUG-1999;
SHIONGI & CO LTD
OS Artificial Sequence
PN JP 1999216000-A/32
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PP 7-OCT-19
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/organism="synthetic construct"
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/note="position 41"
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                                                                 Unknown.
Unclassified.
I (bases 1 to 14)
MCClalland, M. Welsh, J. and Trenkle, T.
Reduced complexity nucleic acid targets and methods of using same
Reduced complexity nucleic acid targets and methods of using same
Return: US 6495319-A 65 17-DEG-2002;
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    /organism='Artificial sequences'.
Location/Qualifiers
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02-SEP-1997
19-FEB-1996
SHIBATA DAISUKE, KATO TOMOHIKO, OTA HIROYUKI
C12N15/09,C12N9/02,(C12N9/02,C12R1:91);
strandedness: Single;
typothetical: No;
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92.9%; Pred. No. 6.3e+02;
live 1; Mismatches 0;
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Shibata, D., Kato, T. and Ota, H.
DNA CODING NEW CYTOCHROME P450
Patent: JP 1997224671-A 3 02-SEP-1997;
MITSUI GYOSAI SHOKUBUTSU BIO KENKYUSHO:KK
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                AR266627.1 GI:29695691
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JP 1997224671-A/3.
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Best Local Similarity 92.98
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1 (bases 1 to 19)
1 (bases 1 to 19)
1 and 1,8.E., Schellenberg,G.D., Wasco,W., Levy-Lahad,E., Bird,T.D.
and Galas,D.J.
Chromosone 1 gene and gene products related to Alzheimer's Disease
Patent: US 6468791-A 43 22-OCT-2002;
Location/Qualifiers
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Regulated genes by stimulation of chondrocytes with IL-lbeta Parent: EP 0705842-A 55 10-APR-1996;
POECHST AG (DE)
Other publication ZA 9508381 960424
Other publication DR 9191639 960730
Other publication CA 2159957 960407
Other publication AU 3308695 960418.
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 65 from patent US 6495319.
AR266627
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Sequence 55 from Patent EP0705842.
A52265
A52265.1 GI:2852047
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2 c 10 g
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AR240876/c
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A52265/C
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PAT 05-MAY-1999
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PATENT: WO 9708320-A 363 06-MAR-1997;
MORPHOSYS PROTEINOPTHERUNG (DE)
LOCATION QUALIFIERS
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Goodfellow, P.N.
METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST
PACENT: WO 9744485-A 25 27-NOV-1997;
HEXAGEN TECHNOLOGY LIMITED (GB)
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1 (bases 1 to 18)
Karn,J., Gait,M.John., Heaphy,S. and Dingwall,C. RNA. oligomclectides that bind HIV tat protein Patent: US 5821046-A 13 13-OCT-1998;
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83.3%; Pred. No. 7.7e+02;
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1.2%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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/organism="unidentified"
/wol_type="genomic DNA"
/db_ref="taxon:32644" 3
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Sequence 13 from patent US 5821046.
AR048072
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/organism="unidentified"
/mol_type="genomic DNA"
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Sequence 363 from Patent W09708320.
A61054
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Sequence 25 from Patent WO9744485.
A67605
A67605.1 GI:4756468
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                              A61054.1 GI:3715586
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/mol_type="mRNA"
/db_xref="taxon:32630"
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Patent: WO 9202228-A 20 20-FEB-1992;
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|/organism="unidentified"
|/mol_type="genomic DNA"
|/db_rref="taxon:32644" |
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    E13670.1 GI:3252447
JP 1997224672-A/3.
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PAT 14-FEB-2001
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                                                           Unknown.
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Unclassified.
1 (bases 1 to 18)
Goodfellow, P.N.
Methods for identifying a mutation in a gene of interest without phenotypic guide
Patent: US 5994075-A 25 30-NOV-1999;
Patent: US 5994075-A 25 30-NOV-1999;
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I (bases 1 to 18)

RS Karn, J., Gait, M.J., Heaphy, S. and Dingwall, C.

Viral (HIV) growth inhibition

NAL Patent: US 6114109-A 13 05-SEP-2000;

Location/Qualifiers

18
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1 (bases 1 to 18)
Monia,P.P. and Cowsert,L.M.
Antisense modulation of TRADD expression
Patent: US 607762-A 29 20-UUN-2000;
Location/Qualifiers
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Sequence 13 from patent US 6114109.
AR108975
AR108975.1 GI:12825251
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Sequence 29 from patent US 6077672.
AR098774
AR098774.1 GI:12808540
 Sequence 25 from patent US 5994075.
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                           AR089743.1 GI:10016498
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Best Local Similarity 83.3%;
Matches 15; Conservative (
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AR108975
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                                                               1.2%; Score 13.2; DB 1; Length 18; larity 83.3%; Pred. No. 7.7e+02; Conservative 0; Mismatches 3; Indels
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Cowsert, L.M.
Antisense modulation of G-alpha-11 expression
Patent: US 5951455-A 86 14-SEP-1999;
Location/Qualifiers
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Monia, B.P. and Cowsert, L.M.
Antisense modulation of AKT-1 expression
Patent: US 5958773-A 37 28.5EP-1999;
Location/Qualifiers
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Sequence 37 from patent US 5958773.
AR076417
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AR076417
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PAT 25-SEP-2002

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Unclassified.

(bases 1 to 18)

(bubara, P.A., Blechl, A.E., Hohn, T.M. and Berka, R.M.

Nucleic acid sequences encoding cell wall-degrading enzymes and use to engineer resistance to Fusarium and other pathogens

Patent: US 6521435-A 46 18-FEB-2003;
                                                    l (bases 1 to 18)
Seiberg, M., Shapiro, S.S., Cauwenbergh, G.F.M.J. and Wisniewski, S.J.
Methods for altering hair growth and hair pigmentation by apoptosis in the follicular papillae and compositions therefor Patent: US 6407056-A 1 18-JUN-2002;
Location/Qualifiers
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Unknown.
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Unclassified.
I (bases 1 to 18)
Roberts,M.L. and Cowsert,L.M.
Antisense modulation of human Rho family gene expression Patent: US 6410323-A 131 25-UNN-2002;
Location/Qualifiers
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83.3%; Pred. No. 7.7e+02;
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Sequence 131 from patent US 6410323.
AR215583.1 GI:23313839
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Sequence 46 from patent US 6521435.
AR282287
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1 6 c 3 g
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AR282287/c
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1 (bases 1 to 18)

1 (bases 1 to 18)

2 Noswiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 6346398-A 4457 12-FEB-2002;

Location/Qualifiers
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83.3%; Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
0; Mismatches 3;
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Pred. No. 7.7e+02;
0; Mismatches 3;
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Sequence 8367 from patent US 6346398.
AR192879.1 GI:20238844
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18 GAGGCCAAGTCAGTTTCC 1
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AR192879/C
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AR214353/c
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   PAT 08-AUG-2001
                                                                                                                                            Olek,A. and Piepenbrock,C.
Method for the parallel detection of the degree of methylation of genomic dna
Patent: WO 0142493-A 14 14-JUN-2001;
Epigenomics AG (DE)
On Aug 9, 2001 this sequence version replaced gi:14598485.
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Method for the parallel detection of the degree of methylation of
genomic dna
Parent: WO 0142493-A 15 14-JUN-2001,
Bpigenomics AG (DE)
On Aug 9, 2001 this sequence version replaced gi:14598486.
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/db fref="terefactors"
/nb fref="chemisch vorbehandelte Genom-DNA"
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Sequence 15 from Patent WO0142493.
AXI75026.2 GI:15142045
18 bp
Sequence 14 from Patent WO0142493.
AX175025.
AX175025.2 GI:15142044
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Sequence 9 from Patent WO0183736.
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AX320839.1 GI:17902391
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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/note="downstream amplification primer 5-15 for SEQ 31,
   Gaps
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1 (bases 1 to 18)

2 (chen,D., Chumakov.I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 653771-A 5061 25-MAR-2003;
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larity 83.3%; Pred. No. 7.7e+02;
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Matches 15; Conservative 0; Mismatches 3; Indels
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Sequence 5061 from patent US 6537751.
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Sequence 157 from Patent W00129257.
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AX114488.1 GI:14031452
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/organism="unknown"
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RESULT 720
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RESULT 721 AX175025/c

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PAT 06-JUL-2002
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Method for making probe support and apparatus used for the method
Patent: Ep 1188475-A 5 20-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
Location/Qualifiers
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Terminal labeled probe array and method of making it
Patent: EP 1213361-A 99 12-UNN-2002;
CANON KABSHKI KAISHA (JP)
Location/Qualifiers
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ative 0; Mismatches 3;
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20guence 39 from Patent EP1213361.
AX433815.1 GI:21713484
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Sequence 5 from Patent BP1188475.
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                              DNA stage, Flaviviridae;
                                                                       Pellerin, C. and Kukolj, G.
Internal de novo initiation sites of the hcv ns5b polymerase and
use thereof
Patent: WO 0183736-A 9 08-NOV-2001;
BOEHRINGER INGELHEIM (CANADA) LTD. (CA)
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Patent: EP 1184467-A 39 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
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83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3;
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5 c 6 g 5 t
 Hepatitis C virus
Hepatitis C virus
Viruses; ssRNA positive-strand viruses,
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Sequence 39 from Patent EP1184467.
AX391807
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20-NOV-2001
12-MAR-2001
BIICH SORDA
CI2NIS/09,CI2NIS/09,CI2MI/00,CI2QI/68,GOIN33/53,GOIN33/566,
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A method of arraying genome clone
Patent: JP 200121190-A 2181 20-NOV-2001;
PHE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS.
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synthetic construct
artificial sequences.

1 (bases 1 to 18)
Yamamoto,N., Okamoto,T., Suzuki,T. and Tanaka,S.
Method screening mutated gene
Patent: JP 2002071687-A 39 12-MAR-2002;
                                                                                               Score 13.2; DB 1;
Pred. No. 7.7e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1. .18
/organism="synthetic construct"
/nol_type="genomic DNA"
/mol_type="taxon:32630"
a _10 c 2 g 2 t
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                               0; Mismatches
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Method for screening mutated gene.
BD133661
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A method of arraying genome clone.
BD089937
                                                                                                                                                                1025 GCTGGGCCTGGCTTTCAT 1042
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JP 2002071687-A/39.
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synthetic construct
synthetic construct
srificial sequences.
1 (bases 1 to 18)
                                                                                               1.2%;
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                                                                                                                                                                                                GATGGGCCTCGCGTTCAT
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Best Local Similarity
Matches 15; Conserva
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Best Local Similarity
Matches 15; Conserv
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BD089937
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artificial sequences.

1 (bases 1 to 18)

Okamato, H., Yamamoto,N. and Suzuki,T.
Probe-coupling substrate, process for producing the same,
probe-array, method for detecting target substance, method for
and method for quantitating the interest substance in the sample,
Patent: UP 2000270896-A 40 03-0CT-2000;
AALTIficial Sequence
OS AALTIficial Sequence
DY DY 2000270896-A/40
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Probe-coupling substrate, process for producing the same, probe-array, method for detecting target substance, method for specifying target substance, method for specifying base sequence of single-stranded mucleic acid in sample, and method for quantitating the target substance in the
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                   Gaps
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C12Q1/68, C12M1/00, C12N15/09, G01N33/566, C12N15/00 CC
FH Key Location/Qualifiers
1.18 source 1.16
/organism='Artificial Samience'
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                                                                                                                                                                                                                                                                                                            Lundeberg, J., Ahmadian, A. and Nyren, P.
Allele-specific primer extension assay
Patent: WO 02068684-A 12 06-SEP-2002,
Pyrosequencing AB (SE), DZIEGLEWSKA, Hanna Eva (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 18
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                 Indels
Pred. No. 7.7e+02;
0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="raxon:32630"
/noTe="primer"
                                                                                                                                                                  DNA
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4
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Sequence 12 from Patent W002068684.
AX535773
AX535773.1 GI:25262219
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9
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JP 2000270896-A/40.
                                                                                                                                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
Best Local Similarity 83.3%;
Matches 15; Conservative
                                               GCTGGGCCTGGCTTTCAT
                                                                                 GATGGGCCTCGCGTTCAT
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Best Local Similarity
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BD000050
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AUTHORS
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BD167500 18 bp DNA linear PAT 17-JAN-2003 A method of analyzing a base sequence of a nucleic acid.
BD167500 BD167500 GI:27873312
WO 0233068-A/39.
                                                                                                                                                                                                                                                                                                                                                                                 synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 18)

S (kamoto,T., Yamamoto,N. and Suzuki,T.
Terminal-labeled probe-array and method for preparing it, and method for evaluating trarget mass using the same method for evaluating trarget mass using the same method for evaluating trarget mass using the same patent: JP 2002153284-A 39 28-MAY-2002;
CANON INC.
CANON-2000 JP 2000357446

PF 24-NOV-2000 JP 2000357446

PF 24-NOV-2000 JP 2000357446

PF 24-NOV-2000 JP 2000357446

PF 24-NOV-2000 JP 2000357446

PF 34-NOV-2000 JP 2000357466

PF 34-NOV-2000 JP 2000357466

PF 34-NOV-2000 JP 2000357466

PF 34-NOV-2000 JP 2000357466

PF 34-NOV-2000
                                                                                                                                                                                          PAT 17-JAN-2003
                                                                                                                                                                                          BD161005
Terminal-labeled probe-array and method for preparing it, and method for evaluating target mass using the same.
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swithetic construct
artificial sequences.

I (bases 1 to 18)
Synthetic construct
artificial sequences.

I (bases 1 to 18)
Synthetic construct
artificial sequence sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
A method of analyzing a base sequence of a nucleic acid
B patent: WO 0233068-A/39
BD 25-ARR-2002
BP 18-OCT-2000 WO 2000JD007244
PI NOBURO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI PC
C12N15/09,C12Q1/68,GG1N33/56,GG1N33/53
CC Sample origonucleotide
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    18 /organism='Artificial Sequence'.

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Location/Qualifiers
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larity 83.3%; Pred. No. 7.7e+02;
Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_kref="taxon:32630"
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1 GATGGGCCTCGCGTTCAT 18
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JP 2002153284-A/39.
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Matches 15; Conserv
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BD161005
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                     S Artificial Sequence
N JP 2002071687-A/39
D 12-MAR-2002
F 31-AGG-2000 JP 2000263396
F 31-AGG-2000 JP 2000263396
C GOIN33/S3, CL2MI/00, CL2NIS/09, CL2Q1/68, GOIN31/22, GOIN33/S66, PC GOIN37/C0, CL2NIS/CO, CL2Q1/68, GOIN31/22, GOIN33/S66, PC GOIN37/C0, CL2NIS/CO, CL2Q1/68, GOIN31/22, GOIN33/S66, PC GOIN37/C0, CL2Q1/68, GOIN37/C0, CL2Q1/C0, 
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JP 2002065274-A/43
05-MAR-2002
13-AUG-2000 JP 200263395
NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI, AKIRA SHIMIZU
C12N15/09, C12M1/00, C12M1/40, C12Q1/68, G01N31/22, G01N33/53, PC
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JP 2002065574-A/43.

synthetic construct
1 (bases 1 to 18)
Yamamoto, N., Okamoto, T., Suzuki, T. and Shimizu, A.

Whethod for detecting subjective component in specimen sample, and substrate for detection used therefor
Patent: JP 2002065274-A 43 05-MAR-2002;
CANON INC
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organism='Artificial Sequence'
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.2%; Score 13.2; DB 1;
83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon;32630"
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1025 GCTGGCCTGGCTTTCAT 1042

Gaps

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PAT 15-MAY-2003
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N JF 2002318232-A/5
D 31-CCT-2002
F 18-SEP-2001 JF 2001283190
I HIDENORI WATANABE, TADASHI OKAMOTO, NOBUKO YAMAMOTO, TOMOHIRO
SUZUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 18)
Watanabe, H., Okamoto, T., Yamamoto, N. and Suzuki, T.
A method of preparing a probe array and a device used therefor
Patent: JP 2002318232-A 5 31-OCT-2002;
CANON INC.
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FT source 1. 18
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PN JP 2002306166-A/39
PD 22-OCT-2002
PP 31-AUG-2002
PP 31-AUG-200261506
PP 31-AUG-200261506
C12N15/09,C12Q1/68//C12M1/00,C12N15/00
CC Sample origonucleotide
PH Key Location/Qualifiers
PT source Location/Qualificial Sequence'.
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83.3%; Pred. No. 7.7e+02;
ive 0; Mismatches 3;
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1.2%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DRA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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A Artificial Sequence

10-SEP-200253251-A/5

10-SEP-2001 JP 2001055972

I MINEO KANEKO, HIDENORI WATANABE

I CITALS/09, CILMI/00, G01N33/53, G01N33/566, G01N37/00, C12N15/00

Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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Method of analyzing nucleic acid base sequence.
BD176983
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synthetic construct
artificial sequences.

1 (base) 10 18)
Method of analyzing nucleic acid base sequence
Patent: UP 2002306166-A 39 22-0CT-2002;

SA Artificial Sequence
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ilarity 83.3%; Pred. No. 7.7e+02;
Conservative 0; Mismatches 3;
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83.3%; Pred. No. 7.7e+02;
ative 0; Mismatches 3;
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JP 2002253251-A/5.

synthetic construct

synthetic construct

artificial sequences.

I (bases 1 to 18)

Kaneko, M. and Watanabe, H.

A method of preparing a probe array

Patent: JP 200253251-A 5 10-SEP-2002;

CANON INC

Show Inc.

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A method of preparing a probe array.
BD175062
           Location/Qualifiers
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JP 2002306166-A/39.
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BD176983
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BD175062/C
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Unclassified.
1 (bases 1 to 13)
Pesonen, U., Koulu,M., Linnoila,M., Goldman,D. and Virkkunen,M.
Allelic variation of the serotonin 5HT7 receptor
Patent: US 5763183-A 4 09-JUN-1998;
Location/Qualifiers
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Unclassified.
Unclassified.
1 (bases 1 to 13)
Pesonen,U., Koulu,M., Linnoila,M., Goldman,D. and Virkkunen,M.
Allelic variation of the serotonin 5HT7 receptor
Allelic us 5763183-A 3 09-JUN-1998;
Patent: US 5763183-A 3 09-JUN-1998;
                                                                                                                                                                                                                  Gaps
                                        Unclassified.

1 (bases 1 to 18)
Moos, M. Jr., Krinks, M. and Wang, S.
Production are of anti-dorsalizing morphogenetic protein
Patent: US 5693779-A 28 02-DEC-1997;
Location/Qualifiers
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1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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Seguence 4 from patent US 5763183.
AR012010.1 GI:3970000
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AR012009
AR012009.1 GI:3969999
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                                       artificial sequences.

I (bases 1 to 18)

S Nagamine, K.

Method for synthesizing of nucleic acid

D Patent: WO 02090538-A 13 14-NOV-2002;

EIKEN CHEMICAL CO LTD, KENTARO NAGAMINE

OS Artificial Sequence

PN WO 02090538-A/13

PD 14-NOV-2002

PF 08-MAY-2002 WO 2002JP004479

PR 08-MAY-2001 JP 01P 137060,18-JUN-2001 JP 01P 184131 PI

KENTARO NAGAMINE

C C12N15/09,C12Q1/68

CC Description of Artificial Sequence:an artificially synthesized
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Unclassified.
Unclassified.
1 (bases 1 to 18)
Sherwin, S., Klapholz, S. and Skoultchi, A.
Gene manipulation and expression using genomic elements
Patent: US 5778461-A 27 26-NOV-1996;
Location/Qualifiers
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/organism='Artificial Sequence'.
Location/Qualifiers
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1.2%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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83.3%; Pred. No. 7.7e+02;
tive 0; Mismatches 3;
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Sequence 28 from patent US 5693779.
178713
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Sequence 27 from patent US 5578461.
129841 129841.1 GI:1820632
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Best Local Similarity 83.33
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PAT 07-SEP-2000
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Method for identifying nucleic acids by means of matrix-assisted
laser desorption/ionisation mass spectrometry
Patent: WO 9929998-A 12 17-JUN-1999;
MAX PLANCK GESELLSCHAFT (DE); BERLIN KURT (DE); GUT IVO GLYNNE
(DE); LEHRACH HANS (DE)
Location/Qualifiers
Fusion protein comprising an eIF-4E domain and an eIF-4G domain joined by a linker domain. Patent: US 6369199-A 6 09-APR-2002; Location/Qualifiers
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100.0%; Pred. No. 6.4e+02;
tive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/mb_xref="taxon:32630"
/note="artificial sequence"
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Best Local Similarity 100.0%; Pred. No. 6.4e+02;
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Unclassified.
1 (bases 1 to 13)
Kurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 6429300-A 19 06-AUG-2002,
                                                                                                                                                                                                                                                                                            AR222459 13 bp 18
Sequence 19 from patent US 6429300.
AR222459
AR222459.1 GI:23329990
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Sequence 12 from Patent W09929898.
AX021144 GI:10044796
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AR222459
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Unclassified.
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Uncappositions for producing full length cDNA libraries
Methods and compositions for producing full length cDNA libraries
Patent: US 6326175-A 6 04-DEC-2001;
Location/Qualifiers
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Unknown.
Unclassified.
1 (bases 1 to 13)
1 (bases 1 to 13)
Horie,R. and Ishiguro,T.
Optically active DNA probe having phosphonic diester linkage
Patent: US 6211354-A 1 03-APR-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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Sequence 6 from patent US 6326175.
AR179431
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Sequence 6 from patent US 6369199.
AR205695 GI:21503343
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Unclassitied.
1 (bases 1 to 13)
Guegler, K., Tan, R. and Rose, M.J.
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AR205695/c
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AR145368
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/organism="synthetic construct"
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/lb...13
/loce="biotin moiety attached at 3' end of sequence.
Has phosphorothioate and phosphodiester chimeric backbone with phosphodiester on 3' end."
                                                       PAT 30-APR-2001
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                                                                                                                                                                                                                                                            Krieg,A.M., Schetter,C. and Vollmer,J.C.
munnostinulatory nucleic acids
Patent: WO 0122972-A 868 05-APK-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
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/note="DNA complement";
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Sequence 868 from Patent WO0122972.
AX104676
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Cyclobexene nucleic acids
Patent: WO 0149687-A 25 12-JUL-2001
K.U. LEUVEN RESEARCH & DEVELOPMENT
Location/Qualifiers
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Sequence 25 from Patent WO0149687.
AX235509
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Sequence 26 from Patent WO0149687.
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AX104676/C
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 867 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Detection system for separating constituents of a sample and production and use of the sam
Patent: Wo 0011A1-A 4 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Sequence 867 from Patent W00122972.
AXIO4675.1 GI:13920872
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Squence 4 from Patent W00071747.
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AX048405.1 GI:12225569
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    .13
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="Has phosphodiester backbone."

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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 867 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/note="Conjugated to FITC moiety."
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                                                               Patent: WO 0197843-A 836 27-DEC-2001,
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
LOCATION/Qualifiers
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AX547729/c
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphodiester backbone"
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Methods for enhancing antibody-induced cell lysis and treating
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="oligomer used in this study"
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
LOCATION/Qualifiers
                                                                                                      Wang, J. and Herdewijn, P.
Cyclohexene nucleic acids
Patent: WO 0149687-A 26 12-JUL-2001;
K.U. LEUVEN RESEARCH & DEVELOPMENT (BE)
Location/Qualifiers
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PAT 08-AUG-2001
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                                                                                                                                                                                                                          RYUICHI HORIE, TAKAHIKO ISHIGURO
C07H21/04,C12N15/09,C12Q1/68,C12Q1/68,G01N21/78,G01N33/50, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unknown.
Unclassified.
1 (bases 1 to 14)
Georgiav.G.P., Kiselev,S.L., Prokhorchouk,E.B. and Ostermann,E. Nucleic and encoding tag7 polypeptide
Patent: US 6172211-A 3 09-JAN-2001;
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1 (bases 1 to 13)
Ryuichi, H. and Takahlko, I.
DNA probe having optically active diphosphonate bond
Patent: JP 1999322783-A 2 24-NOV-1999;
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/organism='Artificial Sequence'
Location/Qualifiers
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1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 130 from patent US 6225054.
AR147961.1 GI:15112051
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Sequence 3 from patent US 6172211.
AR124885
AR124885.1 GI:14110246
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AR147961/c
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AR124885/c
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DN UP 199932783-A/1
PD 24-NOV-1999
PP 06-MAY-1998 UP 1998123298
PR RYUICHI HORIE, TAKAHIKO ISHIGURO
PC COTHIL/04, CIIZI/68, CIIZQI/68, GOINZI/78, GOIN33/50, PC GOIN33/533,
                                                               1. .13
/organism="synthetic construct"
/mol_type="genomic DNA"
/mol_type="genomic DNA"
/db xref="taxon:32630"
/db xref="Has phosphorothioate and phosphodiester chimeric backbone with phosphodiester on 3' end."
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UP 199932783.4/1.
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I (bases 1 to 13)
Nyuichi, H. and Takahiko, I.
DNA probe having optically active diphosphonate bond
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TOSOH CORP.
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DNA probe having optically active diphosphonate bond.
E66854
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Location/Qualifiers
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1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                           Inhibition of angiogenesis by nucleic acids Patent: WO 02023141-A 868 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US) Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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E66853
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PAT 17-DEC-2001
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(Dassal to 14)
Frudakis, T.N., Smith, J.M. and Reed. S.G.
Compositions and methods for the treatment and diagnosis of breast
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                                                                                                                                                                                  Unknown.
Unclassified.
Unclassified.
Unclassified.
I (bases 1 to 14)
Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 19 23-OCT-2001;
Location/Qualifiers
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Sequence 130 from patent US 6423496.
AR219685
AR219685.1 GI:23323863
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Location/Qualifiers
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AR225431
AR225431.1 GI:27263377
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Sequence 19 from patent US 6306624.
ARI74029
ARI74029.1 GI:17914349
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1 (bases 1 to 14)
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AR174029/c
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AR225431/c
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                                     1 (bases 1 to 14)
Frudakis, T.N., Smith, J.M. and Reed, S.G.
Compositions and methods for the treatment and diagnosis of breast cancer
Patent: US 6225054-A 130 01-MAY-2001;
Location/Qualifiers
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Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: 10 S 6306624-A 16 23-0CT-2001,
Location/Qualifiers
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Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624.A 18 23-007-2001,
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ive 0; Mismatches 0; Indels
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Matches 13; Conservative 0; Mismatches 0; Indels
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ARI74026
ARI74026.1 GI:17914346
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/organism="unknown"
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AR174026/c
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E tubin, J.S., Uren, A., Horwood, N.J., Gillespie, M.T., Kay, B.K. and Weisblum, B.
Sfrp and peptide motifs that interact with sfrp and methods of their use

L. Patent: WO 02055547-A 32 18-JUL-2002;
THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US); St. Vincent's Institute of Medical Research (AU)

Institute of Medica
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                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
Homo sapiens
Eukaryota; Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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CORIXA CORPORATION (US)
Location/Qualifiers
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             0; Mismatches
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Sequence 47 from Patent W00172295.
AX321516
AX321516.1 GI:17905576
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Reed, S.G., Lodes, M.J., Mohamath, R. and Secrist, H. Compounds for therapy and diagnosis of lung cancer and methods for their use 6444425-A 47 03-SEP-2002; Location/Qualifiers
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Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 94 29-OCT-2002;
Location/Qualifiers
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Sequence 130 from Patent WO0190152.
AX316793.1 GI:17899884
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Sulshelm,K., Hosier,S. and Kubbies,M.

Fodation of novel aging factor gene P23

Fodation of novel aging factor gene P23

Patent: UP 201512688-A 8 28-AuG-2001;

UNIVERSITY OF WASHINGTON
OS Unidentified
PN JP 201512688-A 8

PD 28-AuG-1999 UP 2000506375

PR 08-AuG-1997 US 08/908873

PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC
C1201/68, C07K14/435, C07K16/18, C12N1/15, C12N1/19, C12N15/09, PC
C1201/02,
PC Strandedness: Single,
CC Strandedness: Single,
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
CC Isolation of novel aging factor gene P23

FH Source Location/Qualifiers
FT Source / Organism='Unidentified'.
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BD073883 14 bp DNA Isolation of novel aging factor gene P23. BD073883
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JP 2001512698-A/8.
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Patent: WO 02103014-A 25 27-DEC-2002;
Al-Mahmod, Salman (FR)
Location/Qualifiers
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Zis-sr nucleic acid and amino acid sequences involved in the regulated sectory pathway and/or the regulation of the neuroendocrine phenotype (nep)
Patent: WO 02061082-A 27 08-AUG-2002;
Universite de Sherbrooke (CA)
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/db_xref="taxon:32630"
/nofe="Oligonucleotide anti-sens."
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 25 from Patent WO02103014.
AX656631 AX65631.1 GI:29161813
                                                                                                                                   Sequence 27 from Patent WO02061082.
AX642209
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FEATURES

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FEATURES

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BASE COUNT

FEATURES

Matches

à

ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

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1 (bases 1 to 14)

Georgiev, G., Kiselev, S., Prokhorchouk, E. and Ostermann, E.
Tumor proliferation inhibition- and apoptosis-associated gene and
polypeptide and method of using the same

Dolypeptide and method of using the same

Datent: JP 2001509384-A 3 24-JUL-2001,
BOEHRINGER INGELHEIN INTERNATIONAL GMBH
OS Unidentified
RN JP 2001509384-A/3
PD 24-JUL-2001
PP 10-JUL-1999 JP 200502182
PR 11-JUL-1997 US 08/893764
PI GEORGII GEORGIEV, SERGEI KISELEV, EGOR PROKHORCHOUK, ELINBORG PI
OSTERMANN
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SS Home sepiens (human)

PN 12 2001525663-A/14

PD 11-DEC-2001

PF 30-SEP-1997 UP 1998516815

PR 01-OCT-1996 US 08/724394,07-MAY-1997 US 08/852495 PI

JOHN N PEDER, GREGORY S KRONMAL, PETER M LAUER, DAVID A RUDDY, PI

WINSTON J THOMAS, ZENTA TSUCHIHASHI, ROGER K WOLFF PC

CO7H21/04,C12Q1/68,C12N15/63,C12N15/63,C12N21000

CO7H21/04,C12Q1/68,C12N15/63,C12N15/63,C12P21/02 CC

Location/Qualifiers
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14 bp DNA linear PAT 27-AUG-2002

POLYMOTPHISMS and new genes in the region of the human

Hemocharosis gene.

BD084126
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JP 2001525663-A/14.
JP 2001525663-A/14.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases)
Feder, J.N., Kronnal, G.S., Lauer, P.M., Ruddy, D.A., Thomas, W.J.,
Tsuchihashi, Z. and Wolff, R.K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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Location/Qualifiers
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Key
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Pred. No. 6.8e+02;
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BD084126/c
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KEYWORDS
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BD078858 I GI:22624461

DP 2001509384-A/3.

unidentified
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PN Unidentified
PN Unidentified
PN Up 2001512698-A/14
PD 28-AUG-1091
PF 05-AUG-1097 US 08/908873
PI KAREN SUISHELM SUZANNE HOSIER, MANPRED KUBBIES PC C1201/68, COTK14/435, COTK16/18, C12N1/15, C12N1/19, C12N15/09, PC C1221/08, C12N1/15, C12N1/15, C12N15/09, PC C12P21/09, Lineari, Single, CC Strandednese: Single, CC Topology: Lineari, Location/Qualifiers
FT Source Location of novel aging factor gene P23
FT Source Location/Qualifiers
FT Source Location/Qualifiers
FT Source Corganism='Unidentified'.
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Location/Qualifiers
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Suishelm, K., Hosier, S. and Kubbies, M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 14 28-AUG-2001;
UNIVERSITY OF WASHINGTON
OS Unidentified
PN JP 2001512698-A/14
PD 28-AUG-2001
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100.0%; Pred. No. 6.8e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 6.8e+02;
iive 0; Mismatches 0;
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JP 2001512698-A/14.
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Matches 13; Conserva
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VERSION
KEYWORDS
SOURCE
ORGANISM
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BD073889/C
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
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BD078858/c
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LOCUS

BASE COUNT

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FEATURES

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BD176797, GI:29122509

Synthetic construct

Synthetic construct

synthetic construct

synthetic construct

artificial sequences.

I (bases it to 14)

Stammoto, M., Yanamoto, M., Hirose, K. and Sakai, J.

Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression

method of analyzing gene expression

patent: WO 02074951-A 44 26-SEP-2002;

KUNTAKA HIROSE, JUN SAKAI

SAKINTAKA HIROSE, JUN SAKAI

OS Artificial Sequence

NO 02074951-A/44

PD 26-SEP-2002

PP 13-MAR-2002 WO 20020P002338

PR 15-MAR-2001 JP 01P 073959

PI MIKIO YAMAMOTO, NAOKI YAMAMOTO, KUNITAKA HIROSE, JUN SAKAI PC

CLIANIS/09,CI1201/68

CC Synthetic DNA

FR SOURCE

1. 14

FT SOURCE

1. 14

FT SOURCE
                 E 1 (bases 1 to 14)

S Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.
Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.
Yamamoto, M., Yamamoto, N., Hirose, K. and Sakai, J.
Watchod of constructing cDNA expression

L Patent: WO 02074951-A, 43 26-SEP-2002;
KUNERA CHRINGSE, JUN SAKAI

OS Artificial Sequence
PN WO 02074951-A/43

PD 26-SEP-2002

PF 13-MAR-2002 WO 2002UP002338

PR 13-MAR-2001 JF 01P 073859

PR 15-MAR-2001 JF 01P 073859

PR 15-MAR-2001 JF 01P 073859

PR MISSON CONTINENT AMAMOTO, NAOKI YAMAMOTO, KUNITAKA HIROSE, JUN SAKAI PC

C12M15/09,C12Q1/68

CC Synthetic DNA

Location/Qualifiers

FT Source

/organism='Artificial Sequence'.
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Location/Qualifiers
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Location/Qualifiers
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1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No.
  artificial sequences.
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BD176796 BD176796 GD122508
WO 02074951-A/43.
Synthetic construct
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I (bases 1 to 14)
Frudakis, T.N., Smith, J.M. and Reed, S.G.
Compositions and methods for the treatment and diagnosis of breast
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JP 200153184-A/129
JP 200153184-A/129
JP 200152184-A/129
JP 1998543059
JP 1998 JP 1998543059
JP 20015218-1997 US 08/991789 PI
N PRUDAKIS, JOHN M SMITH, STEVEN G REED
COTK14/47, COTK14/82, COTK14/15, C12Q1/68, G01N33/574, A61K38/17,
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Compositions and methods for the treatment and diagnosis
breast cancer
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00.0%; Pred. No. 6.8e+02;
ve. 0; Mismatches 0; Indels
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100.0%; Pred. No. 6.8e+02;
ive 0; Mismatches 0; Indels
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/organism='Unidentified'
Location/Qualifiers
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CORIXA CORP

OS Unidentified

P J 2001521384-A 129 06-NOV-2001;

OS Unidentified

P J 2001521384-A/129

P O 2-REF 1998 UP 1998543059

PR 09-APR-1999 US 08/833056,11-DEC-19;

PR 09-APR-1997 US 08/833056,11-DEC-19;

PC COFFLA4/R2, JOHN M SMITH, STEVEN G REED

PC COFFLA4/R2, COFFLAA/R2, COFFLAA/
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    .14
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1. .14
/organism="Homo sapiens"
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Best Local Similarity 100.0%; Pr
Matches 13; Conservative 0;
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JP 2001521384-A/129.
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Yamamoto,M., Yamamoto,N., Hirose,K. and Sakai,J.

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PF 13-MAR-2002 WO 2002JD002338
PR 15-MAR-2001 JP 01P 073959
PI MIXIO YARAMOTO,NAOKI YAMAMOTO,KUNITAKA HIROSE,JUN SAKAI I (212N15/09)-(122Q1/08)
CC Synthetic DNA Location/Qualifiers
FT Source 1...17
/organism='Artificial Sequence'.
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/organism='Artificial Sequence'
Location/Qualifiers
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/db_xref="taxon;32630";
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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BD176803.1 GI:29122515
WO 02074951-A/50.
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BD176803/c
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Method of constructing cDNA tag for identifying expressed gene and method of analyzing gene expression.

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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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            Matches 13; Conservative
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Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mosak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
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                                                                                                                                                                                                                               Unknown.
Unknown.
Unclassified.
I (bases I to 15)
I (bases I to 15)
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 359 17-007-2000;
Location/Qualifiers
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100.0%; Pred. No. 7.2e+02;
ive 0; Mismatches 0; Indels
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1.2%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
                  0; Indels
   100.0%; Pred. No. 7.2e+02; tive 0; Mismatches 0;
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 359 from patent US 6132967.
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Sequence 332 from Patent EP1260586.
AX633193
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/mol_type="mRNA"
/db_xref="taxon:32644"
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/organism="unknown"
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AX633193/c
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AR113913/c
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                                                   Unknown.
Unclassified.
Unclassified.
I (bases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 5865253-A 418 09-FEB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
Unknown.
Unclassified.
I (bases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6122966-A 418 17-0CT-2000;
Patent: US 6122966-A 18 17-0CT-2000;
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U classified.

SE 1 (bases 1 to 15)

RS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.

E Intercellular adhesion molecule-1 (ICAM-1) ribozymes

NAL Patent: US 5837542-A 359 17-NOV-1998;

Location/Qualifiers
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AR033652.1 GI:5949257
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AR056155.1 GI:5981732
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AR113474/c
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AR056155/c
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Patent: JP 2002501376-A 391 15-JAN-2002;
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PD 15-APN-2092
PP 15-APN-2093
PP 15-APN-1999 JP 1998543635
PR 15-APR-1997 US 60/048740 PI
THOMAS CASKEY, ROGER
PI DAVID COX,
PP DAVID COX,
PP C C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
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BD106376
BD106376
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Chlamydia sp.
Chlamydia sp.
Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
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100.0%; Pred. No. 7.5e+02;
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LDL-receptor
Patent: US 6555654-A 423 29-APR-2003;
Location/Qualifiers
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    .16
    /organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"

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/organism="unknown"
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Topology: Linear;
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BD106376/c
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                                         PAT 07-0CT-1997
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Unclassified.
1 (bases 1 to 16)
1 cox,R.D., Gerhold,D.,
1 Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Unclassified.
1 (bass 1 to 16)
1 Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Draper,K.G.
Enzymatic RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 418 11-MAR-1997;
Location/Qualifiers
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                                   Patent: US 6545137-A 423 08-APR-2003;
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AR309569.1 GI:31701574
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Sequence 423 from patent US 6545137.
AR305465.
AR305465.1 GI:31694775
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/organism="unknown"
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                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 17)

Pavo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pavo,P., McSwiggen, Ear the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2180 12-FEB-2002;

Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2547 12-FEB-2002;
Location/Qualifiers
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100.0%; Pred. No. 7.9e+02;
ive 0; Mismatches 0;
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AR186692.1 GI:20232657
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Sequence 2547 from patent US 6346398.
AR187059
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2179 12-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unclassified.

1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2178 12-FEB-2002;
1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346399-A 2177 12-PEB-2002;
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Matches 13; Conservative 0; Mismatches 0; Indels
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2 Sequence 2179 from patent US 6346398.
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Pred. No. 7.9e+02;
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   /mol_type="genomic DNA"
/db_xref="taxon:10090"
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398.4 6062 12.FEB-2002;
Location/Qualifiers
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100.0%; Pred. No. 7.9e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2228 from Patent WO03004526.
AX673783 41:29332131
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3171 from Patent WO03025176. AX725484
AX725481. GI:30504827
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                 Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 1335 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Medicines
Patent: WO 03025175-A 2026 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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ive 0; Mismatches 0;
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17 bp DNA WO03025175.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Unclassified.
I (bases I to 18)
Balch, W.J. and Hogan, M.E.
Methods for fabricating an array for use in multiplexed biochemical
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100.0%; Pred. No. 8.2e+02;
tive 0; Mismatches 0;
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1 (bases 1 to 18)
Monia, B.P. and Cowsert, L.M.
Antisense modulation of Smad7 expression
Patent: US 6159697-A 10 12-DEC-2000;
Location/Qualifiers
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Gil,D.W. and Regan,J.W.
Human BP3, procesglandin receptor
Patent: US 6197933-A 9 06-MAR-2001;
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Sequence 24 from patent US 6312960.
AR177758 1G1:17920113
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Sequence 10 from patent US 6159697.
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Sequence 9 from patent US 6197933.
AR138253 GI:14479762
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                  Gaps
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente and the use batent: Wo 30325177A 859 27-MAR-2003, Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente.
Patent: WO 30302177-A 3718 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 7.9e+02;
tive 0; Mismatches 0;
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Sequence 3718 from Patent WO03025177.
AX738128
AX738128.1 GI:30517416
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Sequence 859 from Patent WO03025177.
AX735269
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1 c 1 g 2
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2 c 8 9 5
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Homo sapiens
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Homo sapiens
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Process and compositions for peptide, protein and peptidomimetic synthesis
Synthesis
Petent: WO 02059293-A 46 01-AUG-2002;
Forster, Anthony C. (US) ; Blacklow, Stephen C. (US)
Location/Qualifiers
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb ribozymes having 2'-5'-linked adenylate residues Patent: 18 5817796-A 1803 06-OCT-1998;
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="FROM SYNTHETIC DNA"
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Sequence 1803 from patent US 5817796.
AR047010 GI:5968475
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Sequence 46 from Patent WO02059293.
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Matches 14; Conservative
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AR047012/c
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AR047010/c
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1 (bases 1 to 18)
Balch,W.J. and Hogan,M.E.
Methods for fabricating an array for use in multiplexed biochemical
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I (bases 1 to 18)

Kurane, R., Kamagata, Y., Kurata, S., Yamada, K.,

Kurane, R., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid
molecules, nucleic acid probes for the method, and method for
analyzing data obtained by the method

Patent: US 6492121-A 44 10-DEC-2002;

Location/Qualifiers
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100.0%; Pred. No. 8.2e+02;
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Patent: US 6312960-A 24 06-NOV-2001;
Location/Qualifiers
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Patent: US 6479301-A 24 12-NOV-2002;
Location/Qualifiers
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Sequence 44 from patent US 6492121.
AR264960
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Sequence 24 from patent US 6479301.
AR254046.
AR254046.1 GI:27302559
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1 (bases 1 to 17)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G.
Kincaid, K.W.,
Method for evaluating oligonucleotide probe sequences
Patent: US 6251888-A 112 26-UN-2001;
Location/Qualifiers
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87.5%; Pred. No. 8.4e+02;
ive 0; Mismatches 2;
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(I (bases 1 to 17)
Elledge,5.J. and Sanchez,Y.
Mammalian checkpoint genes and proteins
Patent: US 6218109-A 14 17-APR-2001;
Location/Qualifiers
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1 (bases 1 to 17)
Elledge,S.J. and Sanchez,Y.
Mammalian checkpoint genes and proteins
Patent: US 6307015-A 14 23-OCT-2001;
Location/Qualifiers
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AR158490
AR158490.1 GI:16220532
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Sequence 14 from patent US 6218109.
AR145688
AR145688.1 GI:15108877
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ARI74512.1 GI:17914832
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Stinchcomb.D.T., Draper.K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: 18 5817796-A 2149 06-0CT-1998;
Location/Qualifiers
             Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb ribozymes having 2'-5'-linked adenylate residues Patent: US 5817796-A 1805 06-0CT-1998,
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US S817796-A. 2433 06-0CT-1998;
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Sequence 2149 from patent US 5817796.
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AR047356.1 GI:5968821
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Unclassified.
I (bases 1 to 17)
1 avco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2555 12-FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)

Pavob.P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pavob.P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 3751 12-FEB-2002;

Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398—8 2822 12-FEB-2002;
Location/Qualifiers
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US 6346398.
Sequence 2555 from patent US 6346398.
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Sequence 3751 from patent
AR188263
AR188263.1 GI:20234228
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endcthelial growth factor receptor Patent: US 6346398-A 2189 12-FEB-2002;
Location/Qualifiers
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Unclassified.

1 (bases 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pathod and reagent for the treatment of diseases or conditions
Method and reagent for selected to sevels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2188 12-FEB-2002;

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Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A. 863 26 FEB-2002;
Location/Qualifiers
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2 1 (bases 1 to 17)
S Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.,
Matulic-Admic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
AL Patent: US 6528640-A 409 04-WAR-2003;
Location/Qualifiers
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S. Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Admic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity

AL Patent: US 622640-A 558 04-MAR-2003;

Location/Qualifiers
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7820 12-PEB-2002;
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1 (bases 1 to 17)

Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens., Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.

Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 149 26-FEB-2002;

Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 7820 from patent US 6346398.
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PAT 07-SEP-2001
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                                                                                             Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 1170 16-AUG-2001; RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
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Patent: WO 0159103-A 1424 16-AUG-2001;
RIBOZYME PHARMACBUTICALS, INC. (US); Blatt, Lawrence
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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| db xref="taxon:32630" |
| note="Nucleic Acid" |
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/mol_type="mRNA"
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/note="Nucleic Acid"
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Seguence 1424 from Patent WO0159103.
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 AX215728.1 GI:15525771
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, U., Sweedler, D. and Zinnen, S. Matulic-Indomucleic acids with RWAse activity Patent: US 6528640-A 857 04-MAR-2003;
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1.2%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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2 (bases 1 to 17)

Recombinant cellulose synthase

Patent: US 6541238-A 13 01-APR-2003;

Location/Qualifiers
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Sequence 857 from patent US 6528640.
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Sequence 1170 from Patent WO0159103.
AX215728
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Sequence 13 from patent US 6541238.
AR302507.1 GI:31690798
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3593 16-AUG-2001;
RIBOZYME PHARACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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llarity 87.5%; Pred. No. 8.4e+02;
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|/organism="synthetic construct"
|/mol_type="mRNA"
|/db_xref="texon:32630"
|/note="Nucleic Acid"
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Sequence 440 from Patent WO0157206.
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                  Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1891 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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tive 0; Mismatches 2; Indels
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/note="Nucleic Acid"
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Patent: WO 0159103-A 2483 16-AUG-2001;
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 599 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 600 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 600 from Patent WO0173002.
AX263209
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Patent: WO 0157206-A 471 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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Patent: WO 0157206-A 1093 09-AUG-2001;
RIBOZYWE PHRMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
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Matches 14; Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
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AX227721
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AX227099.1 GI:15556240
/db_xref="taxon:32630"
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AX227721/c
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Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta, Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, Ehrhartoideae, Oryzeae, Oryza.

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Kniec, B. B., Gamper, H. B., Rice, M. C. and Kim, J.
Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides
Patent: WO 0192512-A 1995 06-DEC-2001;
UNIVERSITY OF DELAWARE (US) REFERENCE AUTHORS TITLE JOURNAL FEATURES Ipomoea batatas Bukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Asteridae; lamiids; Solanales; Convolvulaceae; Ipomoea. Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligomucleotides
Saingle stranded oligomucleotides
Patent: WO 0192512-A 1775 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers

/organism="Oryza glaberrima" /mol\_type="genomic DNA" /db\_xref="taxon:4538" 3 t

Query Match 1.2%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 8.4e+02; Matches 14; Conservative 0; Mismatches 2; Indels BASE COUNT

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350 CAGCGCCAACCIGICA 365 16 CGGCGCCTACCTGTCA 1 ઠે g

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Best Local Similarity 87.5 Matches 14; Conservative

Query Match

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1. 17 /organism="Ipomoea batatas" /mol\_type="genomic DNA" /db\_xref="taxon:4120" 7 a 0 c 7 g 3 t

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REFERENCE AUTHORS TITLE

JOURNAL FEATURES

AX325858 17 bp DNA Sequence 1996 from Patent WO0192512. AX325858 RESULT 843 AX325858 LOCUS

PAT 02-SEP-2002

linear

AX325858.1 GI:18096617 DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

Oryza glaberrima (African rice) Oryza glaberrima Bukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.

AUTHORS TITLE REFERENCE

Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: Wo 0192512-A 1996 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers JOURNAL

FEATURES

BASE COUNT

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Gaps

AX393417.1 GI:19701399 LOCUS DEFINITION ACCESSION RESULT 844 AX393417/c VERSION KEYWORDS SOURCE

Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. Homo sapiens (human) ORGANISM

St Croix, B., Kinzler, K.W. and Vogelstein, B. Endothelial cell expression patterns REFERENCE AUTHORS TITLE

1006 TGGAGAATGGGAAGTG 1021

1 recadanteanadre 16

linear AX325618 17 bp DNA Sequence 1756 from Patent WO0192512. AX325618 AX325618.1 GI:18096376 RESULT 841
AX325618/C
LOCUS
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KEYWORDS
SOURCE
ORGANISM

PAT 02-SEP-2002

Ipomoea batatas Ipomoea batatas Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Asteridae; lamiids; Solanales; Convolvulaceae; Ipomoea.

Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 1756 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers REFERENCE AUTHORS TITLE

JOURNAL

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Query Match 1.2%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 8.46+02; Matches 14; Conservative 0; Mismatches 2; Indels BASE COUNT

1006 TGGAGAATGGGAAGTG 1021

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17 TGGAGAATGAAAGTG 2

Sequence 1995 from Patent WO0192512. AX325857.1 GI:18096616 DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM RESULT 842 AX325857/c LOCUS

PAT 02-SEP-2002

linear

Oryza glaberrima (African rice) Oryza glaberrima

AX325617 AX325617.1 GI:18096375

ACCESSION VERSION KEYWORDS SOURCE ORGANISM

Ipomoea batatas (sweet potato)

us09904568-1.rge

| 1. .17 | /organism="Oryza glaberrima" | /mol type="Genomic DNA" | /db\_xref="taxon:4538" | a

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2 CGGCGCCTACCTGTCA 17

linear DNA AX393417 17 bp D Sequence 347 from Patent WO0210217. AX393417

PAT 23-MAR-2002

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PAT 12-AUG-2002
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124.A 1785 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Human kidhey tumor overexpressed membrane protein 1
Patent: WO 0224750-A 239 28-MAR-2002;
Aeomica, Inc. (US).

Location/Qualifiers
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87.5%; Pred. No. 8.4e+02;
tive 0; Mismatches 2;
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Sequence 1785 from Patent W00188124.
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Sequence 239 from Patent WO0224750.
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/mol_type="mRNA"
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1613 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 188124-1 1216 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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AX422880 AX422880.1 GI:21526262
Patent: WO 0210217-A 347 07-FEB-2002;
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 1613 from Patent WO0188124.
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                                                                        /organism="Homo sapiens"
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AX423277.1 GI:21526659
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
               Homo sapiens (human)
Memo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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                                                                                          Zhang,J.

Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 452 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 973 28-MAR-2002;
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Human kidney tumor overexpressed membrane protein
Patent: WO 0224750-A 972 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 972 from Patent WO0224750.
AX475751. GI:22215036
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Sequence 973 from Patent WO0224750.
AX475752
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/db_xref="taxon:9606"
? a 7 c 5 g 3
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Amo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                           Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 451 28-MAR-2002;

Acomica, Inc. (US)

Location/Qualifiers
                                                                                                                                                                                                                                       Zhang, J.

Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 240 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
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Sequence 451 from Patent W00224750.
AX475230 GI:22214515
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6 c 3 g 2
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Homo sapiens
17 CGTGGTTCAGCTGTTG
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Matches 14; Conservative
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AX475230/c
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel 1 (clca.1)
Patent: WO 0211674-A 1094 14-FEB-2002;
RIBOZYME PHARMACEUTCALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1095 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                Sukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Best Local Similarity 87.5%; Pred. No. 8.4e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 1095 from Patent WC0211674.
AX579257
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Sequence 1094 from Patent WO0211674.
AX579256.1 GI:27648458
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/db_xref="taxon:9606"
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AX579257/c
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AX579256/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                              Query Match
1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Shannon, M.
Human posh-like protein 1
Patent: BP 1239051-A 1670 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1671 11-SEP-2002;
Acomica, Inc. (US)
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AX532162.1 GI:25256109
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Sequence 1670 from Patent EP1239051.
AX532161.1 GI:25256107
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Aeomica, Inc. (US)
Location/Qualifiers
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AX532162/c
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AX532161/c
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Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neril, B.P., Reimer, N.D., Roeeven, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 716 6-JUN-2002; THIRD WAVE TECHNOLOGIES, INC. (US)
                                                                                                                                                                                                                                                     Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel 1 (clca-1) Patent: WO 0211674-A 2141 14-FBB-2002; RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                     Vertebrata; Euteleostomi;
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Corganism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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                                                                 Sequence 2141 from Patent WO0211674.
AX580303
AX580303.1 GI:27649505
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Sequence 716 from Patent WO0244994.
AX598442.1 GI:28398618
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Location/Qualifiers
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AX598442/c
                                     RESULT 860
AX580303/c
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AX673435
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Patent: WO 0211674-A 1588 14-FEB-2002;
RIBOZYME PHARMACEUTCALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
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Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1814 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 1814 from Patent WO0211674.
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Sequence 1588 from Patent WO0211674.
AX579750
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
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AX579976.1 GI:27649178
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Best Local Similarity 87.5
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AX579750/C
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                       Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                         Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to viruses and their use medicines
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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Sequence 1448 from Patent EP1281758.
AX688716
                                                                                                                                                                 Parent: WO 03004526-A 3088 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1447 from Patent EP1281758.
AX688715
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Telerman, A., Amson, R. and Tuijnder, M.
Tequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: WO 03004526-A 2438 16-7AN-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 67.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3088 from Patent WO03004526.
AX674643
AX674643.1 GI:29332991
 AX673435 17 bp DNA Sequence 1880 from Patent WO03004526.
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/organism="Homo sapiens"
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/db_ref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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EP1281758.
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Aeomica, Inc. (US)
Location/Qualifiers
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Acomica, Inc. (US)
Location/Qualifiers
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Sequence 5357 from Patent BP1281758.
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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       /mol_type="genomic DNA"
/db_xref="taxon:9606"
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Sequence 5359 from Patent
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AX692627.1 GI:29415585
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 1448 05-FEB-2003;
Aeomica, inc. (US)
Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 87.5%; Pred. No. 8.48+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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1.2%; Score 12.8; DB 1; Length 1
Local Similarity 87.5%; Pred. No. 8.4e+02;
les 14; Conservative 0; Mismatches 2; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 3147 from Patent EP1281758.
AX690415.1 GI:29413296
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Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606" 2
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/organism="Homo sapiens"
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                                  PAT 08-MAY-2003
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 3743 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.4e+02;
cive 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3743 from Patent WO03025176.
AX726056
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                                    AX725511 17 bp DNA Sequence 3198 from Patent WO03025176.
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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_tref="taxon:10090" 5
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Mus musculus
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AX726870/c
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RESULT 873
AX725511/c
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AX726056
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Nus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.4e+02;
tive 0; Mismatches 2; Indels
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Sequence 2095 from Patent WO03025176.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Seguence 816 from Patent WO03025176.
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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_ref="taxon:10090"
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/db_xref="taxon:10090"
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AX721129
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AX724408/c
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicine of 03025175-A 335 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualiflers
                                                          Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

Patent: WO 03025176-A 5723 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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87.5%; Pred. No. 8.4e+02;
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AX728701
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/db_xref="taxon:9606"
                                                                                                                                                                                                                 /organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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AX728701
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AX729203
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                                                       Mus musculus (house mouse)
Nus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                       Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 4557 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 5723 from Patent W003025176.
AX728036
AX728036.1 GI:30507379
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/db_xref="taxon:10090"
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Mus musculus
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Mus musculus
    AX726870
AX726870.1 GI:30506213
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AX728036
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Klomo sapiens
Bukaryota: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominides; Homo.
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Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03022175-A 3089 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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1.2%; Score 12.8; DB 1;
1. Similarity 87.5%; Pred. No. 8.46+02;
14; Conservative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
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Sequence 4135 from Patent AX732501
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AX731454/c
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AX732501/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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reversion, apoptosis and/or virus resistance and their use as
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1.2%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Patent: WO 03025175-A 1245 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1245 from Patent WO03025175.
AX729611
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                medicines
Patent: WO 03025175-A 837 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Homo sapiens
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Best Local Similarity 87.57
Matches 14; Conservative
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AX729611
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 496 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour sequences involved in phenomena of tumour apoptocis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 2966 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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118 AACGGGAAGAAAGGAT 133
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Best Local Similarity 87.5
Matches 14; Conservative
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Best Local Similarity 87.5
Matches 14; Conservative
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AX734906/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butherla; Primates; Catarrhini; Hominidae; Homo.
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                . Match 1.2%; Score 12.8; DB 1; Length 17; Local Similarity 87.5%; Pred. No. 8.4e+02; les 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 4385 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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AX733377/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                               Homo sapiens (human)
Memo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 5173 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27-MAR-2003; Patent: MO 3030217-A 4393 27-MAR-2003; Molecular Engines Laboratories (FR)
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87.5%; Pred. No. 8.46+02;
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.48+02;
Matches 14; Conservative 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX738803.1 GI:30518093
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AX739593
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AX739583
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                                    PAT 08-MAY-2003
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Homo sapiens
Eukardeis, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Almo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0312177-A 4281 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and 23 27-WAR-2003, Molecular Engines Laboratories (FR)

Location/Qualifiers
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87.5%; Pred. No. 8.4e+02;
tive 0; Mismatches 2; Indels
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                                    AX737933 17 bp DNA Sequence 3523 from Patent W003025177.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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AX737933.1 GI:30517221
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AX738691
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B. Therapeutic capants

NISHINGRA, INTONI SHUGAN, INTONI SHUGAN, INTONI

TAKARA SHUZO CO LTD. TATGUJI ENOKI, SHUGAKU YAWASHITA, KAORI

NISHINGRA, INTONI SAGAMA, IKUNOSHIN KATO

S. Artificial Sequence

NO 0151480-A/2

PD 19-UUL-2001

PD 19-UUL-2001

PR 13-TAN-2001

PR 14-TAN-2001

PR 14-TAN-
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PAT 27-AUG-2002
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Unclassified.
Unclassified.
1 (bases 1 to 17)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Methods and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 175 22-OCT-1996;
Locaion/Qualifiers
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/organism='Artificial Sequence'.
Location/Qualifiers
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ilarity 87.5%; Pred. No. 8.4e+02;
Conservative 0; Mismatches 2; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unknown"
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Levings, C.S. III and Dewey, R.
Maize cytoplasmic male sterility type T (cms-T) mitochondria DNA
Patent: US 5660983-A 1 26-AUG-1997;
Location/Qualifiers
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1 (bases 1 to 17)
Stinchcomb.D.T. Draper,K., McSwiggen,J. and Jarvis,T.
C-mbb targeted riboxymes
Patent: US 5646042-A 2433 08-JUL-1997;
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.4e+02;
Matches 14; Conservative 0; Mismatches 2;
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154692.1 GI:2475895
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Sequence 1 from patent US 5660983.
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Matches 14; Conservative
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Best Local Similarity 87.5
Matches 14; Conservative
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154692/c
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Unclassified.
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1 (Dassa 1 to 17)
2 (Inchoomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T. C-myb targeted ribozymes
Patent: US 5646042-A 2149 08-JUL-1997;
Location/Qualifiers
                                                                                                                              Unknown.
Unclassified.
Unclassified.
1 (bases I to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb targeted ribozymes
Patent: US 5646042-A 1803 08-UUL-1997;
Location/Qualifiers
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Stinchcomb.D.T., Draper.K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646642-A 1805 08-UUL-1997;
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 8.4e+02;
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US 5646042.
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Sequence 1803 from patent
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154062,1 GI:2475265
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
   Length 18;
                                                                                                                                                                                                                                                                                         1 (bases 1 to 18)
Kistner,O., Barrett,N., Mundt,W. and Dorner,F.
Method for controlling the infectivity of viruses
Patent: US 5756341-A 5 26-MAY-1998;
Location/Qualifiers
1. 18
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Kistner, O., Barrett, N., Mundt, W. and Dorner, F.
Method for controlling the infectivity of viruses
Patent: US 5786341-A 6 26-MAY-1998;
Location/Qualifiers
Query Match
1.2%; Score 12.8; DB 1; Length 1
Best Local Similarity 67.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 6 from patent US 5726341.
AR009719.1 GI:3968524
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Sequence 5 from patent US 5756341.
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Unclassified.
Unclassified.
I (bases 1 to 18)
Kistner, O., Barrett, N., Mundt, W. and Dorner, F.
Kistner, O. producing viruses and vaccines in serum-free culture
Patent: US 5753489-A 6 19-MAY-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown,
Unclassified.

1 (bases 1 to 18)

Kistner,O., Barrett,N., Mundt,W. and Dorner,F.

Method for producing viruees and vaccines in serum-free culture
Patent: US 5753489-A 5 19-MAY-1998;
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol type="qenomic DNA"
/db_xref="taxon:32630"
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Patent: WO 9001548-A 4 22-FEB-1990;
Location/Qualifiers
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Sequence 6 from patent US 5753489.
AR008471 GI:3967580
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Sequence 5 from patent US 5753489.
AR008470
AR008470.1 GI:3967579
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/organism="unknown"
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
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A06176.1 GI:411212
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AR008470/c
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                                                                                                                                      Unknown.
Unclassified.
I (bases 1 (base) B)
Sosa-Pineda, B. and Gruss, P.
Method for testing the differentiation status in pancreatic cells
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87.5%; Pred. No. 8.7e+02;
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1 (bases 1 to 18)

Monia, B.P. and Cowsert, L.M.
Antisense modulation of AKT-1 expression
Patent: US 5958773-A 16 28-SEP-1999;
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 15 from patent US 6071697.
AR097239.1 GI:12805969
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Sequence 16 from patent US 5958773.
AR076396.
AR076396.1 GI:10003142
                                                                            Sequence 15 from patent US 5948623.
AR072555
AR072555.1 GI:9999319
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/organism="unknown"
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Matches 14; Conservative
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Unclassified.
1 (bases 1 to 18)
Gold, B.I.
Synthetic triple helix-forming compound precursors
Patent: US 5844110-A 4 01-DEC-1998;
Location/Qualifiers
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Synthetic triple helix-forming compound precursors
Patent: US 5844110-A 2 01-DEC-1998;
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
Unknown.
Unclassified.
1 (bases 1 to 18)
Schreiber, A.D. and Park, J.-G.
Method of inhibiting phagocytosis
Patent: US 5858981-A 13 12-JAN-1999;
Location/Qualifiers
19 1
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AR063243
AR063243.1 GI:5990934
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Sequence 2 from patent US 5844110.
AR063241
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1 (bases 1 to 18)
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1 (bases 1 to 18)
Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr.
Antisense oligonucleotide modulation of tumor necrosis
factor-(.alpha.) (TNF..alpha.) expression
Patent: US 6228642-A 174 08-MAY-2001;
                                                                                                                                                          Unclassified.

1 (bases 1 to 18)
Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr., Antisense oligonucleotide modulation of tumor necrosis factor. alpha. (TNF-.alpha.) expression Patent: US 6080580-A 176 27-JUN-2000;
                                                                                                                                                                                                                                                                                                                               Query Match 1.2%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 8.7e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Unclassified.
E 1 (bases 1 to 18)
S Linchcomb.D.T., Jarvis,T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
AL Patent: US 6194150-A 2684 27-FEB-2001,
Location/Qualifiers
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Sequence 2684 from patent US 6194150.
AR134259 GI:14123164
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Sequence 174 from patent US 6228642.
AR150098
AR150098.1 GI:15114689
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                                            Sequence 176 from patent US 6080580. AR100445
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AR150098/c
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AR134259/C
                  RESULT 914
AR100445/c
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr. Antisense oligonucleotide modulation of tumor necrosis factor-.alpha.) expression
Factor-.alpha.175 27-JUN-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 18)

Baker, B.F., Butler, M.M. and Shanahan, W.R. Jr.,
Antisense oligonuctectide modulation of tumor necrosis
factor-.alpha (TNF.alpha.) expression
Patent: US 6080580-A 174 27-UUN-2000;
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred, No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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Patent: US 6071697-A 15 06-JUN-2000;
Location/Qualifiers
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Sequence 174 from patent US 6080580.
AR100443.1 GI:12810891
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AR100444.1 GI:12810892
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Unclassified.

1 (bases 1 to 18)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4501 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 18)
Priedman, J.M., Zhang, Y. and Proenca, R.
Modulators of body weight, corresponding nucleic acids and
proteins, and diagnostic and therapeutic uses thereof
Patent: US 6309953-A 66 30-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                             Length 18;
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Pred. No. 8.7e+02;
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87.5%; Pred. No. 8.7e+02;
iive 0; Mismatches 2;
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Sequence 4501 from patent US 6346398.
AR189013
               DNA
                                                                                                            Unclassified.

1 (bases 1 to 18)
Schreiber, A.D. and Park, J.-G.
Schreiber, A.D. and Park, J.-G.
Methods of inhibiting phagocytosis
Patent: US 6242427-A 13 05-JUN-2001;
Location/Qualifiers
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Sequence 66 from patent US 6309853.
AR175666
AR175666.1 GI:17916965
         Sequence 13 from patent US 6242427.
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                                                      AR156856.1 GI:15125560
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1 (bases 1 to 18)
Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr., Antisense oilgonuclectide modulation of tumor necrosis factor-(.alpha.) (TNF-alpha.) expression
Patent: US 6228642-A 176 08-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                                  Shanahan, W.R. Jr.
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Pred. No. 8.7e+02;
0; Mismatches 2; Indels
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87.5%; Pred. No. 8.7e+02;
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Sequence 176 from patent US 6228642.
AR150100
AR150100.1 GI:15114691
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AR150100/c
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Friedman, J.M., Zhang, Y. and Proenca, R.
Ob polypeptides, modified forms and compositions thereto
Patent: US 6471956-A 66 29-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 18)

2 (ohen, D., Chumaxov, I. and Blumenfeld, M.

Biallelic markers for use in constructing a high density disequilibrium map of the human genome

Patent: US 6537751-A 4586 25-MAR-2003;

Location/Qualifiers
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                                                  M Unknown.
Unclassified.
B (Dassilto 18)
AS Friedman, J. M., Zhang, Y. and Proenca, R.
OB polypeptides, modified forms and derivatives
AL Patent: US 6429290-A 66 06-AUG-2002;
Location/Qualifiers

Location/Qualifiers
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87.5%; Pred. No. 8.7e+02;
cive 0; Mismatches 2; Indels
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US 6537751.
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Sequence 66 from patent US 6471956.
AR241443.1 GI:27287133
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AR292851
 AR222324.1 GI:23329809
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Unclassified.

(bases 1 to 18)

Friedman,J.M., Zhang,Y. and Proenca,R.
OB polypeptides and modified forms as modulators of body weight
Patent: US 6350730-A 66 26-FEB-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 18)
Lrazen, J.M., In,K. H., Asano,K., Beier,D. and Grobholz,J.
5-Lipoxygenase gene polymorphisms and their use in classifying patients
Patent: US 6355434-A 32 12-MAR-2002;
Location/Qualifiers
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                                        Query Match 1.2%; Score 12.8; DB 1; I Best Local Similarity 87.5%; Pred. No. 8.7e+02; Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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Sequence 66 from patent US 6429290.
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Sequence 66 from patent US 6350730.
AR195242. GI:20244679
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1 5 c 2 g
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/organism="unknown"
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AR199411/c
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AR222324/c
LOCUS
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Wojnowski,L. and Eiselt,R.
Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in diagnostic and therapeutic applications
Patent: WO 0120025-A 7 22 MAR-2001,
Epidauros Biotechnologie AG (DE)
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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A method for identifying and characterizing cells and tissues
Patent: WO 9934016-A 286 08-JUL-1999;
GENENA LTD (LL); VIDER BEN ZION (LL)
Location/Qualifiers
Unknown.
SM Unknown.
Unclassified.
(CE 1 (bases Into 18)
SR Cohen,D. (Chunakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
RNAL Patent: US 653751-A 11175 25-WAR-2003;
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;

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/organism="synthetic construct"

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Sequence 286 from Patent WO9934016.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Squence 7 from Patent W00120025.
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AX098700.1 GI:13537941
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Unclassified.

(bases 1 to 18)

Cohen, D., Chumakov, I. and Blumenfeld, M.

Blallelic markers for use in constructing a high density disequilibrium map of the human genome

Patent: US 657751-A 7334 25-MAR-2003;

Location/Qualifiers

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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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      87.5%; Pred. No. 8.7e+02; rative 0; Mismatches 2; Indels
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Unclassified.
1 (Dases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a ?
disequilibrium map of the human genome
Patent: US 6537751-A 9227 25-MAR-2003;
Location/Qualifiers
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87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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Sequence 9227 from patent US 6537751.
AR297492
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Matches 14; Conservative
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AR299440
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AR297492/c
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PAT 11-MAY-2001

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linear PAT 30-MAY-2001
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Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their use in diagnostic and therapeutic applications
Patent: EP 1088900-A 7 04-APR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                       Piccult-Newburg, L. and Pohl, M. Genotyping reagents, Kits and methods of use thereof Patent: WO 012962-A 3729 26-APR-2001; Orchid Blosciences, Inc. (US)
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   87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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/note="DNA"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="Primer"
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AX136933/c
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AX118606/c
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Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in diagnostic and therapeutic applications
Patent: WO 0120025-A B 2-MAR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Porcine endogenous retrovirus
Viruses; Retroid viruses; Retroviridae; Mammalian type
retroviruses; 1-Mammalian type C virus group.
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Testing xenografts and sources thereof for retrovirus
Patent: BP 1105703-A 12 13-JUN-2001;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                     Length 18;
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/once="Yownstream primer PC2, based on P:
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87.5%; Pred. No. 8.7e+02;
live 0; Mismatches 2;
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/organism="synthetic construct"
/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="artificial"
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Sequence 8 from Patent WO0120025.
AX098701
AX098701.1 GI:13537942
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PAT 18-JUN-2002
                                                                         Altevogt, P. and Fogel, M.
Diagnostic and therapeutic methods based on the 11 adhesion
molecule for ovarian and endometrial tumors
batch: WO 0204925-A 8 17-JAN-2002;
Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts
(DE) ; MOR-RESBARCH APPLICATIONS LTD. (IL)
Location/Qualifiers
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Assay for genetic polymorphisms using scattered light detectable
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Local Similarity 87.5%; Pred. No. 8.7e+02;
Hes 14; Conservative 0; Mismatches 2;
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Patent: WO 0196604-A 49 20-DEC-2001;
Genicon Sciences Corporation (US)
Location/Qualifiers
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Seguence 49 from Patent W00196604.
AX427085
AX427085.1 GI:21530468
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                                 PAT 30-MAY-2001
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Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their
use in diagnostic and therapeutic applications
Patent: EP 1088900.A 8 04.APR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Porcine endogenous retrovirus
Viruses; Retroid viruses; Retroviridae; Mammalian type C
retroviruses; 1-Mammalian type C virus group.
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Testing xenografts and sources thereof for retrovirus
Patent: WO 0142500-A 15 14-JUN-2001;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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87.5%; Pred. No. 8.7e+02;
cive 0; Mismatches 2;
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87.5%; Pred. No. 8.7e+02;
cive 0; Mismatches 2;
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Sequence 15 from Patent W00142500.
AX175441.1 GI:14598794
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Sequence 8 from Patent W00204952.
AX370476
AX370476.1 GI:18857518
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Equence 8 from Patent EP1088900
AX136934
AX136914.1 GI:14273281
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AX370476/c
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RESULT 936
AX136934
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AX175441/c
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BD013158
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Synthetic construct
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The pare encoding novel human secretory type phospholipase A2
atchicial sequences.
BS 1shizaki,JJ, Suzuki,N. and Hanasaki,K.
A gene encoding novel human secretory type phospholipase A2
BIONOGIR CO LTD,JUN ISHIZAKI,NORIKO SUZUKI,KOJI HANASAKI
SHIONOGIR CO LTD,JUN ISHIZAKI,NORIKO SUZUKI,KOJI HANASAKI
SP 19-MAR-2001
BP 29-MAR-2001
BP 29-MAR-2001
BP 21-SEP-2000 WO 2000JP006344
BR 21-SEP-2009 JP 99P 266616
BI JUN ISHIZAKI,NORIKO SUZUKI,KOJI HANASAKI
BC C12N9/20,C12N15/55,C12E21/09,C07K16/40 CC
FH Key
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Modulator of weight, corresponding nucleic acid and protein, and diagnosis and remedy utilization thereof.

Modulator of weight, corresponding nucleic acid and protein, and diagnosis and remedy utilization thereof.

DD014809.

DD014809.

MOD157591-A/50.

Homo sapiens (human)

ESM Homo sapiens (human)

Mommalia, Butheria, Primates; Craniata; Vertebrata; Buteleostomi; Mommalia, Butheria, Primates; Catarrhini; Hominidae; Homo.

Exaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mommalia, Butheria, Primates; Catarrhini; Hominidae; Homo.

Exaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Friedman, J.M., Zhang, Y., Proenca, R., Maffel, M., Halaas, J.L., Kajlwara, R. and Burley, S.K.

Modulator of weight, corresponding nucleic acid and protein, and diagnosis and remedy utilization thereof S. Homo sapiens (Numan)

PN JP 2001157591-A/50

PN JP 2001157591-A/50
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                                                                                 1.2%; Score 12.8; DB 1; Length 18; 87.5%; Pred. No. 8.7e+02; ive 0; Mismatches 2; Indels
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/note="Oligonukleotid"
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Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sosa-Pineda, B. and Gruss, P.
Method for testing small pharmaceutically active molecules in the activation of pax4 and production of insulin producing beta-cells Patent: EP 1288311-A 15 05-MAR-2003;
Max-Planck-Gesellschaft zur Poerderung der Wissenschaften e.V. (DE) Location/Qualifiers
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  Method and nucleic acids for the analysis of colon cancer Patent: WO 03014388-A 456 20-FEB-2003; Epigenomics AG (DE) Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                      1. .18
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="btection oligonucleotide for TP53"
/note="g 6 t
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    .18
/organism="synthetic construct"
/mol_type="genomic DNA"

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Patent: WO 02103043-A 343 27-DEC-2002;

Varmicon AG (DE)

Location/Qualifiers
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/organism="unidentified"
/nol_type="genomic DNA"
/db_xref="taxon:3264"
/noTe="oligonucleotide"
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synthetic construct
artificial sequences.
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Best Local Similarity 87.5
Matches 14; Conservative
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unidentified
unclassified.
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AX718779/c
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DEFINITION
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ACCESSION
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AX710562
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      TITLE
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TITLE
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synthetic construct
synthetic construct
artificial sequences.

I (bases I to 18)
Sakamoto, A., Murase, M., Tanaka, A., Nadiruman, Hasuka and Kurane, R.
Novel protein and gene thereof
D Patent: DP 2002095477A S 02-APR-2002;
MITSUBISHI CHEMICAL CORP. BADAN PENGRAJIAN DAN PENERAPAN TEKNOLOGI, P T BAKRIE AND BROTHERS, JAPAN BIO INDUSTRY ASSOCIATION, AGENCY OF IND SCIENCE & TECHNOL
OS Artificial Sequence
PD 02-APR-2002
PD 02-APR-2002
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JP 2001321190-A/1228
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A method of arraying genome clone
Patent: JP 2001321190-A 1228 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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     Query Match 1.2%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.7e+02; Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.7e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A method of arraying genome clone.
BD088984.1 GI:22634594
JP 2001321190-A/1228.
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Novel protein and gene thereof.
BD143203.1 GI:27848961
JP 2002095477-A/5.
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                                                                                                     818 TACTGTGGGTGCTGAA 833
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synthetic construct
artificial sequences.
                                                                                                                                       16 TACTGTGGGTTCTCAA
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Best Local Similarity 87.5
Matches 14; Conservative
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BD088984
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PC 21,C12N5/10,
PC C12N5/10,
PC C12N5/10,
PC C12N5/10,
PC C12N5/10,C12P21/08,C12Q1/68/(C12N1/19,C12R1:72),
PC C12N1/21,C12R1:465),(C12N1/19,C12R1:19),(C12N1/19,C12R1:72),
PC (C12N1/21,C12R1:465),(C12N1/21,C12R1:38),(C12N1/10,C12R1:91),
PC (C12N2/21,C12R1:465),(C12N1/21,C12R1:38),(C12N5/10,C12R1:91),
CC Strandedness: Single;
CC Topology: Linear;
CC PCR brim...
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JP 2001321190-A/162
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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PD 12-JUN-2001
PF 29-SEP-2000 JP 2000301496
C1 29-SEP-2000 JP 2000301496
D7 30-000-1994 US 08/438431 PR 07-JUN-1995 US 08/438431 PR 07-JUN-1995 US 08/483211
D8 18-FERY M FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA PI PI JEFFRY L HALAAS, KETAN KAJIWARA, STEPHEN K BURLEY PC C12N15/09, A61R21/711, A61R28/00, A61R29/395, A61R45/00, A61R48/00, PC A61P3/04, PC A61P3/06, GC A61P3/06, A61P3/10, A61P9/12, C07K14/47, C07K16/18, C12N1/19, C12N1/PC C12N1/10, C12N1/1
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Patent: JP 2001321190-A 162 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Description of Artificial Sequence:Synthetic DNA FH
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                              Topology: Linear;
PCR primer sWSS1392 specific in sequence tag
Location/Qualifiers

    18
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|mol_type="genomic DNA"
|db_xref="taxon:32630"

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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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synthetic construct
artificial sequences.
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les 14; Conservative
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BD087918/C
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/ organism="synthetic construct" /organism="genomic DNA" /mol type="genomic DNA" /db\_xref="taxon:32630" a 6 c

BASE COUNT

FEATURES

DNA

BD175140 18 bp Established periodontal cells. BD175140

RESULT 948
BD175140/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

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PAT 03-APR-1998
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Unknown...
Unclassified.
1 (bases 1 to 18)
1 (bases 1 to 18)
Rudert, W.A. and Trucco, M.
Ruders of oligonucleotide probes as the bound ligands for use in reverse dot blots
Polymers of S83872-A 101 04-NOV-1997;
Patent: US 5883872-A 101 04-NOV-1997;
Location/Qualifiers
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                            PAT 06-FEB-1997
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0
                                                                                                                                                Unclassified.

(bases 1 to 18)

Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.

Methods and reagents for HLA DRbeta DNA typing

Patent: US 5567809-A 174 22-OCT-1996;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                 Query Match 1.2%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 8.7e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Annexin derivative with endogenous chelation sites
Patent: US 632313-A 10 27-NOV-2001;
Location/Qualifiers
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1.2%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2;
                     Sequence 174 from patent US 5567809.
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Sequence 101 from patent US 5683872.
172065
172065.1 GI:3008204
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Sequence 10 from patent US 6323313.
AR262475.1 GI:28073919
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/organism="unknown"
6 c 7 g
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/organism="unknown"
5 c 5 g
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                                                                              I28002.1 GI:1818778
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172065
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SYNCHETIC construct
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SYNCHETIC STORT SET (BD262862-A B 17-SEP-2002;
SYNCHETIC SYNCHOLO STORT SEQUENCE
BD Artificial Sequence
PN T2-002262862-A/B
PN T3-SEP-2002
PF 12-MAR-2001 UP 2001069249
PT 12-MAR-2001 UP 2001069249
PT MREI MIKI, MAMORU KUBOTA, HIDEO MITANI, MASUO OBINATA, MASATSUGU
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PF 20-SEP-2000 JP 2000285905
HASUKA, RYUCHIRO SKRAMOTO, MAKOTO MURASE, AKIRA TANAKA, NADIRUMAN PI
HASUKA, RYUICHIRO KURANE
PC C12N15/09, A01H5/00, A61K39/00, A61P31/04, C07K14/415, C12N5/10//
PC C12N15/09, A01K37/02, C12N5/00
CC Drimer Location/Qualifiers
FT Source Lorganism='Artificial Sequence'.
FT /Organism='Artificial Sequence'.
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Description of Artificial Sequence: Oligonucleotide to act as
a primer for
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/organism='Artificial Sequence'
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/organism='Artificial Sequence'
Location/Qualifiers
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1.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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1. 18
/organism="synthetic construct"
/mol\_type="genomic DNA"
/db\_xref="taxon:32630"

source

source

FEATURES

C12N15/09

217 CCTCTCCAGAAGTGAC 232

Query Match Best Local Similarity Matches 14; Conserv

BASE COUNT

CCTCCCCCGAAGTGAC 3

q

RESULT 949

o o

BASE COUNT

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DNA linear PAT 27-AUG-2002

10N A method for amplifying the nucleic acids.

N BD094869

BD094869

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BD094869

GI:22640457

W 0138572-A/18.

Synthetic construct

synthetic construct

artificial sequences.

1 (bases 1to 20)

RS Aoyagi,K., Asada,K. Mineno,J., Asada,K. and Kato,I.

A method for amplifying the nucleic acids

B Artificial sequence.

A method for amplifying the nucleic acids

B Artificial sequence

NATURION O138572-A18

PN Artificial Sequence

BN WO 0138572-A18

PN Artificial Sequence

NO 10168572-A18

PN Artificial Sequence

NO 2000JP008073

PR 16-NOV-2000 WO 2000JP008073

PR 16-NOV-2000 WO 2000JP008073

PR 16-NOV-2000 WO 2000JP008073

PR 16-NOV-2000 WO 2000JP008073

PR 15-NOV-1999 UP 99P 3330726,25-JUL-2000 UP 00P 224663 PI

KRZUHIKO ASADA,

PI IKMOSHIN KATO

CC Designed oligonuclectide primer to amplify a portion of human

CC Energence oligonuclectide primer to amplify a portion of human

EN KAY

1. 20

C Designed oligonuclectide primer to amplify a portion of human

EN KAY

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FT CLIANIS (PARALINE)

A printing Sequence

FT Source

A criticial Sequence

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FT Source

A criticial Sequence

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CI201/68,CI2NIS/10
Designed oligonucleotide primer to amplify a portion of human
E2F-2 gene
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Bowman, M.
Retinoid receptor-1 (RR1) and DNA encoding RR1
Patent: US 5726548-A 3 17-MAR-1998;
Location/Qualifiers
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Best Local Similarity 92.3%; Pred, No. 7.8e+02;
Matches 12; Conservative 1; Mismatches 0;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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                                                                                                         Sequence 3 from patent US 5728548.
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1 c 0 g
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Best Local Similarity 78.9
Matches 15; Conservative
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13 KAAAAAAAAAA
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192593.1
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Plant-signalling ligand like proteins
Patent: WO 0196582-A 32 20-DEG-2001;
Plant Research International B.V. (NL)
Location/Qualifiers
                                                                                     Gaps
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1.1%; Score 12.6; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 7.8e+02;
Matches 12; Conservative 1; Mismatches 0; Indels
                                       Length 21;
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Best Local Similarity 92.3%; Pred. No. 7.8e+02;
Matches 12; Conservative 1; Mismatches 0; Indels
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                                    Score 12.8; DB 1;
Pred, No. 9.6e+02;
0; Mismatches 2;
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/ Organism="synthetic construct"
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/ organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="teaxon:32630"
/note="primer"
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Sequence 32 from Patent W00196582.
AX339537.1 GI:18135607
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Sequence 72 from Patent EP1164193.
AX328909
AX328909.1 GI:18102042
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Best Local Similarity 87.5%;
Matches 14; Conservative 0
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AX339537/c
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AX328909/C
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PAT 17-DEC-2001
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Unclassified.
Unclassified.
Lo Lases I to 14)
Petkovich, P. Martin., White, J. A., Beckett, B.R. and Jones, G.
Retinoid metabolizing protein
Patent: US 6306624.A 13 23-0CT-2001;
Location/Qualifiers
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Unclassified.
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I (bases I. (bases)
Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 14 23-0CT-2001;
Location/Qualifiers
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E 1 (bases 1 to 14)
AS D'Andrea,A.D.
DeUBlquitinating enzymes that regulate cell growth
DeUBlquitinating enzymes that regulate cell growth
AL Patent: US 6287858-A 26 11-SEP-2001;
Location/Qualifiers
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iive 0; Mismatches 1;
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Sequence 13 from patent US 6306624.
AR174023.1 GI:17914343
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Sequence 14 from patent US 6306624.
AR174024
AR174024.1 GI:17914344
     Sequence 26 from patent US 6287858. ARI68510
ARI68510.1 GI:17904466
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Best Local Similarity 92.9
Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
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AR174023/c
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AR174024/c
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                                                                                                                                                                                                       Bartnik, E.D. and Margerie, D.D.
Regulated genes by stimulation of chondrocytes with 1L-1beta Patent: EP 0705842-A 56 10-APR-1996;
HOEGHST AG (DE)
Other publication ZA 9508381 960424
Other publication AB 191693 960730
Other publication AJ 3308695 960418.
Location/Qualifiers
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E I (base I to 14)
S Roberts, J.A. and Paul, W.
CONTROL POP DEHISCENCE OR SHATTER
L Patent: WO 9915681-A 3 01-APR-1999;
BIOGEMWA UK LIMITED (GB); ROBERTS JEREMY ALAN (GB)
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 8.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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A52266.
A52266.1 GI:2852046
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Sequence 3 from Patent WO9915681.
A97593.1 GI:6780897
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AR168510/c
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A97593/c
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Unclassified.

1 (bases 1 to 14)
Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 310 29-0CT-2002;
Location/Qualifiers
                                                                                                                                                    Length 14;
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JP 2001512698-A/6.
unidentified
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unclassified.
1 (Dases I to 14)
Suishelm,K., Hosier,S. and Kubbies,M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 6 28-AUG-2001;
ONIVEXEITY OF WASHINGTON
OS Unidentified
PN JP 2001512698-A/6
PD 28-AUG-2001
PP 05-AUG-1998 JP 2000506375
PR 08-AUG-1997 US 08/908873
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92.9%; Pred. No. 8.4e+02;
tive 0; Mismatches 1;
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92.9%; Pred. No. 8.4e+02;
tive 0; Mismatches 1;
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Isolation of novel aging factor gene P23.
BD073881
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Patent: WO 0066780-A 38 09-NOV-2000;
University of Florida (US)
Location/Qualifiers
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Sequence 38 from Patent WO0066780.
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Unknown.
Unclassified.
Unclassified.
Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 21 23-0CT-2001;
Location/Qualifiers
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1 (bases 1 to 14)

1 (bases 1 to 14)

Petkovich, P. Martin., White, J. A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein

Patent: US 6306624-A 22 23-0cr-2001;

Location/Qualifiers
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Best Local Similarity 92.9%; Pred. No. 8.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 310 from patent US 6472154.
AR242022.
AR242022.1 GI:27287834
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Sequence 21 from patent US 6306624.
AR174031 GI:17914351
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AR174032/c
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AR174031/c
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RESULT 963 AR242022 LOCUS

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PAT 27-AUG-2002
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28-AU3-2001
PF 05-AU3-1997 US 08/908873
PT RAREN SUISHELM, SUZANNE HOSTER, MANFRED KUBBIES PC C1201/68, CO7K14/435, CO7K16/18, C12N1/15, C12N1/19, C12N15/09, PC C12P21/06, C12P21/08, C12N15/09, PC C12P21/08, Linear; CC Topology: Linear; PH Key FT SOURCE
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28-AUG-2001
05-AUG-1998 JP 2000506375
08-AUG-1999 UG 08/908873
KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC
1/68,CO7K14/435,CO7K16/18,C12N1/15,C12N1/19,C12N15/09, PC
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Clrandedness: Single;
Topology: Linear;
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/organism='Unidentified'
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Suishelm,K., Hosier,S., and Kubbies,M., Solation of novel aging factor gene P23 pacent: JP 2001512698-A.15 28-Aug-2001;
UNIVERSITY OF WASHINGTON
OS Unidentified
PN JP 2001512698-A/15
PP 05-Aug-2001
PP 05-Aug-1999 JP 2000506375
PR 08-Aug-1997 US 08/908873
PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED
                                 14 bp DNA factor gene P23.
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Suishelm, K., Hosier, S. and Kubbies, M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 16 28-AUG-2001;
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OS Unidentified
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/organism="unidentified"
/mol_type="genomic DNA"
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                                              Isolation of novel aging
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JP 2001512698-A/15.
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PN JP 2001512698-A/7
PN JP 200152698-A/7
PP 28-04G-2001
PP 08-AUG-1997 US 08/908873
PR 08-AUG-1997 US 08/908873
PC C12221/08, COTX16/18, C12N1/15, C12N1/19, C12N15/09, PC C1221/08, C0TX16/18, C12N1/15, C12N1/19, C12N15/09, PC C1221/08, C12N15/00
CC Tandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
FF Key Location/Oualifiers
FT Source Location/Oualifiers
FT Source Location/Oualifiers
PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC C1201/68, C07K14/435, C07K16/18, C12N1/15, C12N1/19, C12N15/09, PC C12P21/02, PC C12P21/08, C12N15/00 CC Strandeness: Single; CC Topology: Linear; CC Topology: Linear; CC Isolation of novel aging factor gene P23 FT Key Location/Qualifiers FT Source 1...te /organism='Unidentified'.
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Location/Qualifiers
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Location/Qualifiers
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Isolation of novel aging factor gene P23
Batch: 17 P 2001512698-A 7 28-AUG-2001;
UNIVERSITY OF WASHINGTON
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JP 2001512698-A/7.
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Best Local Similarity 92.9
Matches 13; Conservative
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                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 13; Conserv
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RESULT 966 BD073882/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

BASE COUNT

FEATURES

ORGANISM

REFERENCE

AUTHORS TITLE JOURNAL

COMMENT

BASE COUNT

FEATURES

RESULT 967

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Yamamoto, M. Yamamoto, N., Hirose, K. and Sakai, J.

Yamamoto, M., Yamamoto, N., Yamamoto, Yamamoto,
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/organism='Artificial sequences'
Location/Qualifiers
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/organism='Artificial Sequence'.
Location/Qualifiers
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JP 1997224671-A/4
02-SEP-1997
19-FEB-1996 JP 1996031075
SHIBATA DAISUKE, KATO TOMOHIKO, OTA HIROYUKI
C12N15/09,C12N9/02,C12N9/02,C12R1:91);
strandedness: Single;
topology: Linear;
hypothetical: No;
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Unidentified
Shibata,D., Kato,T. and Ota,H.
Shibata,D., Kato,T. and Stape.
NAROJING NEW CYTOCHROME 9450
PATCHIL UP 1997224671-A 4 02-58P-1997;
MITSUI GYOSAI SHOKUBUTSU BIO KENKYUSHO:KK
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 8.4e+02;
Matches 13; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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      artificial sequences.
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Best Local Similarity
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E13666/c
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BD26-BD200

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BD38S9

BT3-MAR-2001 WO 2002UP002338

BT3-MAR-2000 WO 2002UP00
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BD176800 GI:29122512
WO 02074951-A/47.
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Location/Qualifiers
                                                                                                                                                                                                                                                                 1.1%; Score 12.4; DB 1; Length 14; 92.9%; Pred. No. 8.4e+02; tive 0; Mismatches 1; Indels
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                                /organism='Unidentified'
Location/Qualifiers
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92.9%; Pred. No. 8.4e+02;
cive 0; Mismatches 1;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

    .14
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

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synthetic construct
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Best Local Similarity 92.9%
Matches 13; Conservative
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Matches 13; Conservative
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BD176800/c
LOCUS
DEFINITION
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VERSION
KEYWORDS
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BD176799
LOCUS
DEFINITION
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KEYWORDS
SOURCE
ORGANISM
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TITLE
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                                                             FEATURES
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PAT 22-JAN-2000
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                                 Query Match
1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unidentified

Munidentified
unclassified.

In (bases 1 to 15)

Brysch, W. and Schlingensiepen, K.
AN ANITSENSE OLICONOCLEDTIBE PREPARATION METHOD
AN ANITSENSE OLICONOCLEDTIBE PREPARATION
AN ANITSENSE OLICONOCLEDTIBE PREPARATION
ANITSENSE (DE); BRYSCH WOLFGANG (DE)
LOCATION/Qualifiers
                                                                                                                                                                                                                                                                                                                                                  linear
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unidentified
unclassified.
unclassified.
l (bases 1 to 15)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 184 05-AUG-1998;
BIOGNOSTIK GES (DE.)
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Pred. No. 8.8e+02;
); Mismatches 1;
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92.9%; Pred. No. 8.8e+02;
live 0; Mismatches 1;
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Sequence 354 from Patent WO9833904.
A88206
A88206.1 GI:6736776
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Sequence 184 from Patent BP0856579.
A90003
A90003.1 GI:6738517
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
i a 5 c 4 g 2
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 6 c 4 g 2
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                                                                                                                                                 825 GGTGCTGAAGCTGG 838
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Best Local Similarity 92.99
Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13, Conservative
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A88206
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/organism='Artificial sequences'
Location/Qualifiers
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1 (basel to 15)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLECTIDE PREPARATION METHOD
PETERT: WO 9833904-A 184 06-AUG-1998,
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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E13671.1 GI:3252448

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Sequence 184 from Patent WO9833904.
A88036
A88036.1 GI:6736606
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 0 c 0 g 13
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Best Local Similarity 92.9°
Matches 13, Conservative
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Length 15;
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92.9%; Pred. No. 8.8e+02;
tive 0; Mismatches 1;
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Sequence 365 from patent US 5837542.
AR056161.1 GI:5981738
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Sequence 5 from patent US 5830658.
AR051237 GI:5974601
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2 c 0 g
 Location/Qualifiers
                           /organism="unknown"
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AR051237/C
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AR056161/c
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              PAT 22-JAN-2000
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Unclassified.
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Gryaznov, S.M. and Lloyd, D.H.
Gryaznov, S.M. and Lloyd, D.H.
Oligoniucleotide clamps having diagnostic and therapeutic
applications
Patent: US 5817795-A 5 06-OCT-1998;
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1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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l (bases 1 to 15)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
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BlogNoSTIK GES (DE)
Location/Qualifiers
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Gryaznov, S.M. and Lloyd, D.H.
Oligonucleotide clamps
Patent: US 5741643.A 5 21-APR-1998;
Location/Qualifiers
              15 bp I
Seguence 354 from Patent BP0856579.
A90173
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/organism="unidentified"
/mol_type="genomic DNR"
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4 a 5 c 4 g 2
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Sequence 5 from patent US 5817795.
AR045206
AR045206.1 GI:5966671
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Sequence 5 from patent US 5741643.
AR002256
AR002256.1 GI:3963810
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2 c 0 g
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                                                      A90173.1 GI:6738687
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Best Local Similarity 92.9
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A90173
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Gryaznov,S.M.
Convergent synthesis of branched and multiply connected
macromolecular structures
Patent: US 5830658-A 5 03-NOV-1998;
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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/organism="unknown"

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ARIJOSE, I GI:14094241  While one with the control of the control	1.1%; 5 92.9%; 6 92.9%; 7 92.9%; 8 667.7 90
Sequence 41 from patent US 6333152. AR179973	imlarity 92.9%; ; Conservative 0 GGGAAGAAGGATG 134 GGGAAGAAGCATG 1 GGGAAGAAGCATG 1
1 (bases 1 to 15) Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W. Vogelstein, B., Kinzler, K.W., Zhang, L. and cancer cells Gene expression profiles in normal and cancer cells Patent: US 6333152-A 41 25-DEC-2001; Location/Qualifiers	RESULT 986 AX139176 LOCUS AX139176 DEFINITION Sequence 24 from Patent EP1076099.

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Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpetsky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.

Woolf, T.

Wethod and reagent for inhibiting the expression of disease related genes
Patent: EP 1260586-A 344 27-NOV-2002;
RIBOZYME PHARMAGEUTICALS, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Woolf, \mathbf{T}. Method and reagent for inhibiting the expression of disease related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1;
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AX636176
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Sequence 3313 from Patent EP1260586.
AX636174. GI:28471788
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Patent: EP 1260586-A 3313 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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/organism="unidentified"
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Best Local Similarity 92.9%;
Matches 13; Conservative
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                             Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria, Actinobacteria; Actinobacteridae; Actinomycetales;
Corymebacterinaes; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                           Suzuki,Y., Nishida,M. and Takenishi,S.
Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 24 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP); System Research Incorporation (JP)
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Cellular regulators of infectious agents and methods of use
Patent: WO 0183754-A 14 08-NOV-2001;
Inmusol Incorporated (US)
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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/noTe="capture"
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| / db_xef="taxon:9606"
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Sequence 14 from Patent W00183754.
AX328242 AX328242.1 GI:18098223
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   AX139176.1 GI:14274849
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                                                                    unclassified.

E 1 (bases 1 to 15)
S Schlingensiepen,K.H. and Brysch,W.
S Schlingensiepen,K.H. and Brysch,W.
An antisense oligonuclectide preparation method
E Patent: JP 2001511000-A 184 07-AUG-2001;
BICGNOSTIK GESELLSCHAFT FUR BICMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN JP 2001511000-A/184
PP 07-AUG-2001
PF 30-JAN-1997 BP 97101531.8
PR 31-JAN-1997 BP 97101531.8
PP 31-JAN-1997 BP 97101531.8
PC CI2X15/11,COT721/04,ASIKZ1/70
CC An antisense oligonuclectide preparation method FH Ke
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1 (bases 1 to 15)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligomoreleotide preparation method
Patent: JP 2001511000-A 354 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MEH
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07-AUG-2001
09-AUG-2001
31-07AN-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, AGIK31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C2115/11, C077121/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1;
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Location/Qualifiers
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BD065719
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                                                      \mathtt{Woolf,T.} Method and reagent for inhibiting the expression of disease related
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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria, Actinobacteria, Actinobacterium; Mycobacterium
Corynebacterineae; Mycobacteriaceae, Mycobacterium; Mycobacterium
tuberculosis complex.

1 (bases 1 to 15)
Suzuki, S., Nishida, M. and Takenishi, S.
Diagnosis kit of tubercle bacillus
Patent: JP 20103981-A 24 17-APR-2001;
NISSHINBO IND INC, SYSTEM RESERARCH CO LTD
Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J.,
Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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pN JP 2001103981-A/24
PD 17-ARR-2001
PF 26-JUL-2000 JP 2000225985
PI SADAHIKO SUZUKI, MICHIO NISHIDA, SOICHIRO TAKENISHI PC
C12N15/09, C12N15/09, C12M1/06, C12Q1/68, C12R1:325), PC
(C12Q1/68, C12R1:325), (C12Q1/68, C12R1:325), C12N15/00, C12N15/00 CC
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/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
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                                                                                                       Patent: EP 1260586-A 3315 27-NOV-2002, RIBOZYME PHARMACEUTICALS, INC. (US) Location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:32644"
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Matches 13, Conservative
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BD013460
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Patent: 18,5716.71-A 5 05-NOV-1996;
Location/Qualifiers
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Pred. No. 8.8e+02;
0; Mismatches 1;
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1 (bases 1 to 15)
Baxter-Lowe, L.Am.
Method for HLA Typing
Patent: US 5545526-A 13 13-AUG-1996;
Location/Qualifiers
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Sequence 259 from patent US 5658780.
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Sequence 13 from patent US 5545526.
124585.
124585.1 GI:1604455
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Sequence 5 from patent US 5571677.
128366
128366.1 GI:1819142
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1 (bases 1 to 15)
Gryaznov, S.M.
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Best Local Similarity 92.9
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                                                                                                            BD182236 15-MAY-2003 Polynucleotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid
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                                                                                                                                                                                                                                                                                           Polynucleotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid patent: WO 02055028-A 49 28-NOV-2002;
KIRIN BREWERY CO LTD, TOSHIO FUJII
KRIN BREWERY CO LTD, TOSHIO FUJII
PN WO 02095028-A/49
PD 28-NOV-2002
PP 23-NAY-2002 WO 2002JP005022
PR 23-NAY-2001 JP 01P 154085
PI TOSHIO FUJII
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Polynucleotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid
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Unclassified.

E I (bases 1 to 15)

(S Gryamoro's A. and Lloyd, D. H.

Oligonucleotide clamps having diagnostic applications

AL Patent: US 5473060-A 5 05-DEC-1995;

Location/Qualifiers
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WO 02095028-A/49.
Lactobacillus brevis
Lactoracillus brevis
Bacteria; Firmicutes; Lactobacillales; Lactobacillaceae;
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1;
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/mol_type="genomic DNA"
/db_xref="taxon:1580" 3 t
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26quence 5 from patent US 5473060.
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116031.1 GI:1250939
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                671 GAAGCTCACAGATG 684
                            GCAGCTCACAGATG 14
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Best Local Similarity 92.9
Matches 13; Conservative
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AR211607/c
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AR080880/C
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El (bases 1 to 15)

S tinchcomb.D.T., Draper,K.G. and McSwiggen,J.

Rel a targeted ribozymes

AL Patent: US 5658780-A 260 19-AUG-1997;

Location/Qualifiers
                                        Unclassified.

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S tinchcomb, D.T., Draper, K.G. and McSwiggen, J.

Rel a targeted ribozymes

AL Patent: US 5658780-A 259 19-AUG-1997;

Location/Qualifiers
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Best Local Similarity 92.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 0; Mismatches 1;
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1 (bases 1 to 16)
Stuyver, L., Rossau, R. and Maertens, G.
METHOD FOR TYPING AND DETECTING HBV
Patent: WO 9740193-A 21 30-OCT-1997;
INNOGENETICS NV (BE)
Location/Qualifiers
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Sequence 260 from patent US 5658780.
161706.
161706.1 GI:2479654
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/organism="unidentified"
/organism="genomic DNA"
/db_xref="taxon:32644"
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Sequence 21 from Patent W09740193.
A66854
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1 4 c 3 g
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I61705
I61705.1 GI:2479653
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Nucleosides and oligonucleotides having 2'-ether groups
Patent: US 5969116-A 8 19-0CT-1999;
Location/Qualifiers
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/organism="unknown"
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1.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 9.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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1.1%; Score 12.4; DB 1; Length 16; 92.9%; Pred. No. 9.2e+02; tive 0; Mismatches 1; Indels
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Saito,Y., Noguchi,Y., Yoshikawa,K. and Soeda,S.
Cattor derivatives of gluconobatter plasmid pF4
Patent: US 6399340-A 26 04-UUN-2002;
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Sequence 26 from patent US 6399340.
AR211607.1 GI:21514974
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Sequence 33 from Patent WO9916899.
AX004451
AX004451.1 GI:9927910
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Sequence 8 from patent US 5969116.
AR080880
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1 c 9 g
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PAT 22-JAN-2000
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1 (Dasses 1 to 17)
S Brysch, W. and Schlingensiepen, K.
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
L Patent: MO 9833904-A 458 06-A06-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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92.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 1;
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Best Local Similarity 92.9%; Pred. No. 9.2e+02;
Matches 13; Conservative 0; Mismatches 1;
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unclassified.
1 (bases 1 to 17)
Stuyver,L., Rossau,R. and Maertens,G. METHOD FOR TYPING AND DETECTING HBV Patent: WO 9740193-A 50 30-OCT-1997;
INNOGENETICS NV (BE)
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Sequence 458 from Patent WO9833904.
A88310
A88310.1 GI:6736880
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27 bp
Sequence S0 from Patent W09740193.
A66883.1 GI:4538254
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/db_xref="taxon:32644"
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/organism="unknown"
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1 (bases 1 to 16)
2 (bases 1 to 16)
3 mith, J. J.
Therapeutic oligonucleotides targeting the human MDR1 and MRP genes
Patent: US 5683987-A 31 04 NOV-1997;
Patent: US 5683987-B Tocation/Qualifiers
                                                           Anctil, J.L. and Cote, {\cal G}. Molecular diagnostic of glaucomas associated with chromosomes 2 and
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Cellular regulators of infectious agents and methods of use
Patent: WO 0183754-A 132 08-NOV-2001;
Immusol Incorporated (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                      Length 16
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92.9%; Pred. No. 9.2e+02;
tive 0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol_type="mRNA"32630"
/db_xref="texcon:32630"
/noTe="Synthetic oligonucleotide"
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/note="OLIGONUCLEOTIDE"
                                                                                                          Patent: WO 9916899-A 33 08-APR-1999;
ANCTIL JEAN LOUIS (CA); COTE GILLES (CA)
Location/Qualifiers
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AX328360/c
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AR047008/c
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1 (bases 1 to 17)
2 tinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US S817796-A 1679 06-OCT-1998;
Location/Qualifiers
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1 (bases 1 to 17)
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Brysch, W.D. and Schlingensiepen. K.D.
An antisense oligonucleotide preparation method
Patent: EP 0886579-A 458 05-AUG-1998;
BIOGNOSTIK GES (DE)
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Sequence 1799 from patent US 5817796.
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Sequence 1679 from patent US 5817796.
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Sequence 458 from Patent EP0856579.
A90277.1 GI:6738791
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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1 (bases 1 to 17)
Stinchcomb.D.T., Draper.K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Cambr: US 5817796-A 2145 06-OCT-1998;
Location/Qualifiers
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Stinchcomb.D.T., Draper.K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: Uccation/Qualifiers
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1799 06-OCT-1998;
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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AR047008
AR047008.1 GI:5968473
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AR047352
AR047352.1 GI:5968817
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3 1 (bases 1 to 17)
5 Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.,
Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
AL Patent: US 6528640-A 468 04-MAR-2003;
Location/Qualifiers
1 1.17
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                                      1.1%; Score 12.4; DB 1; Length 17; 92.9%; Pred. No. 9.6e+02; ive 0; Mismatches 1; Indels
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulio-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 377 04-MAR-2003;
Location/Qualifiers
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Pred. No. 9.6e+02;
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Sequence 468 from patent US 6528640.
AR286096 AR286096.1 GI:29723692
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AR286005
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AR286096/c
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Unclassified.

1 (bases 1 to 17)

1 wcyco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4363 12-FEB-2002;

Location/Qualifiers
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. and
Kincald, R.H.
Method for evaluating oligonucleotide probe sequences
Patent: US 621588-A 108 26-UUN-2001;
Location/Qualifiers
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 2147 06-OCT-1998;
Location/Qualifiers
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1.1%: Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 4363 from patent US 6346398.
AR188875.
AR188875.1 GI:20234840
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ARI58486
ARI58486.1 GI:16220528
            AR047354 17 bp DNA
Sequence 2147 from patent US 5817796.
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 503 04-MAR-2003, Location/Qualifiers
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.,
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.,
Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 626 04-MAR-2003;
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucla caids with RNAse activity Patent: US 6528640-A 628 04-MAR-2003;
Location/Qualifiers
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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AR286256.1 GI:29723852
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Sequence 626 from patent US 6528640.
AR286254
AR286254.1 GI:29723850
Sequence 503 from patent US 6528640.
AR286131
AR286131.1 GI:29723727
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E 1 (bases 1 to 17)

(S Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Admic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity

AL Patent: US 6526640-A 667 04-MAR-2003;

Location/Qualifiers
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Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adminc,J., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 675 04-MAR-2003;
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Sequence 675 from patent US 6528640.
AR286303
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Sequence 667 from patent US 6528640.
AR286295
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Pattaey,A.R., Jarvis,T., Mcswiggen,J., Booher,R.N. and Holman,P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
l) enzyme
Patent: WO 0157206-A 472 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Method and reagent for the inhibition of checkpoint Kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 473 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 2005.
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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Matches 13; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="mRNA"
/do_xref="taxon:32630"
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/organism="synthetic construct"
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Sequence 473 from Patent WO0157206.
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                                                                                                                  Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO DISJUSTA 420 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent WO 015103-A 2482 16-AUG-2001;
RIBOZYME FHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/note="Nucleic Acid"
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/mol type="mRNA"
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/note="Nucleic Acid" 3 t
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Sequence 2482 from Patent WO0159103.
AX217040.1 GI:15527101
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Sequence 472 from Patent WO0157206.
AX227100
AX227100.1 GI:15556241
AX214978
AX214978.1 GI:15525021
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AX227100
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Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids; eurosids I, Fabales, Fabaceae, Papilionoideae, Cicereae,
Cicer.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
single stranded oligonucleotides
Patent: WO 0192512-A 1559 06-DBC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
1. .17
/organism="cicer arietinum"
/mol_type="genomic DNA"
/mol_t
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Mamo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 368 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Sequence 1559 from Patent W00192512.
AX325421. GI:18096177
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AX272799
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Belhod and reagent for the inhibition of grid

Patent: WO 0162911-A 366 30-AUG-2001;

PROZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002.A 2219 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 366 from Patent WO0162911.
AX272797.1 GI:16545534
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Rethod and reagent for the inhibition of erg
Patent: WO 0188124-A 370 22-NOV-2001;
PREDZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                             Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. a Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 365 22-NOV-201;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Sequence 371 from Patent W00188124.
AX422035
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Sequence 370 from Patent W00188124.
    17 bp "
Sequence 365 from Patent WO0188124.
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX422035/c
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Cicer arietinum
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids; eurosids I, Fabales; Fabaceae; Papilionoideae, Cicereae;
Cicer.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 1560 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Method and reagent for the inhibition of erg
Method 20188124-A 201 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:3827" 6 t
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Sequence 1560 from Patent WO0192512.
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Sequence 201 from Patent WO0188124.
AX421865
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/mol_type="mRNA"
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AX325422.1 GI:18096178
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Best Local Similarity 92.9
Matches 13; Conservative
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RESULT 1033 AX421865 LOCUS

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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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AX423738
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata, Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-11078 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1255 22-NOV-2001;
                                             and
                                        Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. a Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 371 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 1078 from Patent W00188124.
AX422742. GI:21526124
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Homo sapiens
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AX422919
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AX422742/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1731 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124A 2074 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
1. 17
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92.9%; Pred. No. 9.6e+02;
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Seguence 1731 from Patent WO0188124.
AX423395
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/mol_type="mRNA"
/db_xref="taxon:9606" '
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Best Local Similarity 92.94
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                      Zhang,J., Gu,Y. and Nguyen,C.T.
Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 115 25-SEP-2002;
Aeomica, inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 116 25-SEP-2002;
Aeomica, Inc. (US)
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 116 from Patent EP1243660.
AX544603
AX544603.1 GI:25809814
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Sequence 115 from Patent EP1243660.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
6 c 7 g 3
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Best Local Similarity 92.9
Matches 13; Conservative
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AX578257
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AX544602/c
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 114 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 113 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Pred. No. 9.6e+02;
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Pred. No. 9.6e+02;
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Sequence 113 from Patent EP1243660.
AX544600
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Sequence 114 from Patent BP1243660.
AX544601.
AX544601.1 GI:25809812
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/organism="Homo sapiens"
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/organism="Homo sapiens"
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5 c 6 g
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   Query Match
Best Local Similarity 92.9%;
Matches 13; Conservative 0
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Best Local Similarity 92.9
Matches 13; Conservative
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AX544601/c
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 637 14-FEB-2002;
RIBOZYME PHARMACEVITCALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 1452 from Patent WO0211674.
AX579614
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Human lccl-domain containing protein
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Sequence 740 from Patent EP1262488.
AX615933
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/db_xref="taxon:9606"
a 5 c 2 g 4
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Patent: WO 0211674-A 96 14 FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
                                                               Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel—1 (clca—1)
Patent: WQ 0211674-A 95 14-FEB-2002;
RIBOZYME RHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 637 from Patent W00211674.
AX578799
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Homo sapiens
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AX578258
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1452 14-FEB-2002;
RIBOZXWE PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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PAT 10-JAN-2003
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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PAT 27-MAR-2003
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 743 04-DEC-2002,
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 743 from Patent EP126248B.
AX615936
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX673014/c
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AX615936/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Human lccl-domain containing protein
Patent: EP 1262488-A 742 04-DEC-2002;
     Patent: BP 1262488-A 740 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 741 04-DEC-2002,
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 741 from Patent EP1262488.
AX615934
AX615934.1 GI:28446980
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Sequence 742 from Patent EP1262488.
AX615935
AX615935.1 GI:28446981
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/organism="Homo sapiens"
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/db_xef="taxon:9606" 2
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
/ g c 7 g 2
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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AX615935/c
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                                                                                                                                                           Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: WO 03004526-A 2823 16-JAN-2003,
Molecular Engines Laboratories (FR)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2966 from Patent WO03004526.
AX674521 GI:29332869
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 Sequence 2823 from Patent WO03004526.
AX674378
AX674378.1 GI:29332726
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Sequence 35 from Patent WO02059381.
AX676082 AX676082.1 GI:29333766
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/db_xref="taxon:9606"
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Homo sapiens
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Mammalla; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2788 from Patent WO03004526.
AX674343
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX674378/c
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AX674138
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 9.6e+02;
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1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Aeomica, Inc. (US)
Location/Qualifiers
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AX6904111 GI:29413292
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Sequence 1446 from Patent EP1281758.
AX688714
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Recombinant vector derived from adeno-associated virus for gene
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                                                                Slaugenhaupt, S. and Gusella, J.F. Gene for identifying individuals with familial dysautonomia Patent: Wo 02059381-A 35 01-AUG-2002; The General Hospital Corporation (US) Location/Qualifiers
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Pred. No. 9.6e+02;
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/db_xref="taxon:32630"
/note="TGF-betalMut"
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Sequence 1445 from Patent EP1281758.
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Patent: EP 1279740-A 4 28-JAN-2003;
VRIJE UNIVERSITEIT BRUSSEL (BE)
Location/Qualifiers
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus
Bukaryota, Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2055 from Patent WO03025176.
AX724368 AX724368.1 GI:30503711
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
4 c 4 g
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Mus musculus
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15 CAGÁGGAGCTGTGG 2
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AX722768/c
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AX725548/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
                Query Match
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Patent: WO 03010320-A 4 06-FEB-2003;
VRIJE UNIVERSITEIT BRUSSEL (BE)
LOCATION/Qualifiers
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Sequence 5252 from Patent EP1281758.
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/mol_type="genomic DNA"
/db_rref="taxon:9606"
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Sequence 4 from Patent WO03010320.
AX698034
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Location/Qualifiers
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synthetic construct
artificial sequences.
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92.9%; Pred. No. 9.6e+02;
iive 0; Mismatches 1;
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Molecular Engines Laboratories (FR)
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Sequence 5763 from Patent W003025176.
AX728076.1 GI:30507419
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Mus musculus
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Homo sapiens
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Bukaryota: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                   Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
medicines
Patent: WO 03025176-A 5188 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
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Sequence 5205 from Patent WO03025176.
AX727518
AX727518.1 GI:30506861
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Mus musculus
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                                                   AX725548.1 GI:30504891
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX730099
AX730099.1 GI:30509442
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 2199 27-WAR-2003;
Molecular Engines Laboratories (FR)
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  Molecular Engines Laboratories (FR)
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                                                       /organism="Homo sapiens"
/mol_type="genomic DNA"
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/wol_type="genomic DNA"
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Best Local Similarity 92.9<sup>5</sup>
Matches 13; Conservative
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AX730565/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 1611 27-MAR-2003;
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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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AX729407
AX729407 GI:30508750
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Location/Qualifiers
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medicines
Patent: WO 03025175-A 52 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/ db_xref="taxon:9606"
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptoesis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03021177-A 572 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 33025175-A 5622 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX734982.1 GI:30514259
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Sequence 5622 from Patent W003025175.
AX733988
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Medicines
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 9.6e+02;
0; Mismatches 1;
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Patent: WO 03025175-A 3438 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2870 from Patent W003025175.
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AX731236.1 GI:30510579
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Sequence 1655 from Patent WO03025177
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AX736065.1 GI:30515342
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Bukaryota; Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryora, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and/or resistance to viruses and the use thereof as medicaments and/or resistance to viruses and the use thereof as medicaments and/or resistance to viruses and the use thereof as medicaments and/or resistance to viruses and the use thereof as medicaments and the use the properties of the pr
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Location/Qualifiers
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/mol_type="genomic DNA"
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AX735372.1 GI:30514649
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03022177-A 5500 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3032517-A 1655 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
             Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente and parent: MO 303025177-A 2840 27-MAR-2003; Molecular Engines Laboratories (FR)
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Patent: WO 03022177-A 4458 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                     / 17. 17. / organism="Homo sapiens" / mol_type="genomic DNA" / db_xef="taxon:9606" 2
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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A human G protein coupled receptor
Patent: WO 03031621-A 1092 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
A human G protein coupled receptor Patent: WO 03031621-A 1091 17-APR-2003; Amersham Biosciences (SV) Corp. (US) Location/Qualifiers
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AX745127.1 GI:30723794
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A human G protein coupled receptor
Patent: WO 03031621-A 1093 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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/organism='Unidentified'
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N Novel vector.

E43910.1
E43910.1
G1:18627843
JP 2000116392-A/16.
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artificial sequences.
1 (bases 1 to 17)
1 (bases 1 to 17)
2 \( \text{Novel} \) vector
Novel vector
Patent: JP 2000116392-A 16 25-APR-2000;
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Matches 13; Conservative 0; Mismatches 1;
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92.9%; Pred. No. 9.6e+02;
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/wol_type="genomic RNA"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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              Query Match 1.1%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 9.6e+02; Matches 13; Conservative 0; Mismatches 1; Indels
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Location/Qualifiers
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A human G protein coupled receptor
Patent: WO 03031621-A 1094 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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Mitsuhashi, M. and Cooper, A.
Mitsuhashi, M. and Cooper, A.
Method for detecting polynucleotides with immobilized
polynucleotide probes identified based on T.sub.m
Patent: US 5639612-A 471 17-JUN-1997;
Location/Qualifiers
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1 (bases 1 to 17)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scha
Methods and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 305 22-OCT-1996;
Location/Qualifiers
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Local Similarity 92.9%; Pred. No. 9.6e+02;
Hes 13; Conservative 0; Mismatches 1;
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92.9%; Pred. No. 9.6e+02;
cive 0; Mismatches 1;
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146492.1 GI:2470457
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Sequence 305 from patent US 5567809.
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              Artificial Sequence
DP 2000116392-A/16
25-APR-2000
30-NOV-1999 JP 1999339786
02-SEP-1993 US 08/11375
JAMES LALLY C,SUTCHIKU CHRISTINE A
C12N15(09,C12N1/19,C12N1/21,C12P21/02//C07K14/62,(C12N1/19, PC
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1 (bases 1 to 17)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Methods and reagents for HLA DRbeta DNA typing
Patent: 12567809-A 205 22-OCT-1996;
Location/Qualifiers
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1 (Dases 1 to 17)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J. Methods and reagents for HLA DRbeta DNA typing Patent: US 5567809-A 71 22-OCT-1996;
Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 71 from patent US 5567809.
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127899.1 GI:1818675
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Matches 13, Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
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PR 02-SEP
PI JAMES
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Unclasses 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US $646042-A 2147 08-JUL-1997;
Location/Qualifiers
                                                                                                                                                                                                                          Unknow...
Unclassified.
1 (bases 1 to 17)
2 stinchcomb.D.T. Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribosymes
Patent: US 5646042-A 2145 08-JUL-1997;
Location/Qualifiers
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Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 2147 from patent US 5646042.
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154406.1 GI:2475609
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Sequence 2145 from patent US 5646042.
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154404.1 GI:2475607
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Sequence 2 from patent US 5965409.
AR079081.1 GI:10005827
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3 a 1 c 1 g
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Matches 13; Conservative
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1 (bases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1799 08-JUL-1997;
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Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1801 08-UUL-1997;
Location/Qualifiers
                                                                                         1 (bases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1679 08-JUL-1997;
Location/Qualifiers
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1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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154060.
154060.1 GI:2475263
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I54058
I554058.1 GI:2475261
  Sequence 1679 from patent US 5646042.
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14 CGGTAAAGGCTTTG 1
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PAT 12-DEC-1997

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Bartnik, E.D. and Margerie, D.D.
Regulated genes by stimulation of chondrocytes with 1L-1beta Patent: EP 0705842-A 57 10-APR-1996;
HOECHST AG (DE)
Other publication ZA 9508381 960424
Other publication JR 8191693 960730
Other publication AU 3308695 960418.
Location/Qualifiers
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Regulated genes by stimulation of chondrocytes with 1L-lbeta
Patent: EP 0705842-A 58 10-APR-1996;
HOBCHST AG (DE)
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Other publication JP 8191693 960730
Other publication AZ 2159957 960407
Other publication AU 3308695 960418.
Location/Qualifiers
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Sequence 58 from Patent BP0705842.
A52268.
A52268.1 GI:2852044
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/organism="unidentified"
/nol_type="genomic DNA"
/db_xref="taxon:32644" |
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Sequence 57 from Patent EP0705842,
A52267
1 GI:2852045
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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A52268/c
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Liang, P., Pardee, A.B. and Bianchi, C.F.
Method of differential display of exposed mRNA by RT/PCR
Method of US 5599672-A 2 04-FEB-1997;
Patent: US 559972-A 2 04-FEB-1997;
Location/Qualifiers
1 others
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Best Local Similarity 92.3%; Pred: No. 8.5e+02;
Matches 12; Conservative 1; Mismatches 0; Indels
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Unclassified.

I (bases 1 to 13)
Parde,A.B. and Liang,P.
Methods of comparing levels or amounts of mRNAs
Patent: US 5665547-A 2 09-SEP-1997;
1 (bases 1 to 13)
Pardee, A.B. and Liang, P.
System for comparing levels or amounts of mRNAs
Patent: US 5965409-A 2 12-OCT-1999;
Location/Qualifiers
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Sequence 2 from patent US 5665547.
164500.
164500.1 GI:2481394
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/organism="unknown"
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164500/c
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Score 12.2; DB 1; Length 14; Pred. No. 9e+02;
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AR212269.1 GI:21515800
                                                            1; Mismatches
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  /organism="unknown"
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Best Local Similarity 92.3%;
Matches 12; Conservative
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Best Local Similarity 92.3%;
Matches 12; Conservative
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AR195060/c
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BD057045/c
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Unclassified.
1 (bess 1 to 14)
Kozian, D. and Reuner, B.
Two-color differential display as a method for detecting regulated
                                                                             Unknown.
Unknown.
Unclassified.
1 (bases 1 to 14)
1 (bases 1 to 14)
1 (bases 1 to 14)
2 single gene encoding acrtic-specific and striated-specific muscle cell isoforms and uses thereof
Patent: US 5846773-A 10 08-DEC-1998;
Location/Qualifiers
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         Sequence 10 from patent US 5846773. AR064009
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Patent: US 6207812-A 4 27-MAR-2001;
Location/Qualifiers
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Location/Qualifiers
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Sequence 1 from patent US 6342376.
ARR83908
AR183908.1 GI:20227877
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Sequence 4 from patent US 6207812.
AR140641
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                                               AR064009.1 GI:5993317
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1 (bases 1 to 14)
Terek,R.M.
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AR183908/c
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A single gene encoding aortic-specific and striated-specific muscle cell isoforms and uses thereof.
PAT 20-APR-2002
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Pred. No. 9e+02;
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Lee,M.-E. and Haich,C.-M.
Aortic-specific enhancer sequence and uses thereof
Patent: US 6350592-A 10 26-FEB-2002;
Location/Qualifiers
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linear
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1 (bases 1 to 14)

1 (bases 1 to 14)

Striated-specific muscle cell polypetides
Patent: US 6399753-A 10 04-JUN-2002;

Location/Qualifiers
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PAT 27-APR-1998
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Artificial sequences.
JP 1997224671-A/2
02-SEP-1997
19-FEB-1996 JP 1996031075
GI2N15/09,CI2N9/02,(CI2N9/02,CI2R1:91);
strandedness: Single;
topology: Linear;
hypothetical: No;
Score 12.2; DB 1; Length 14;
Pred. No. 9e+02;
1; Mismatches 0; Indels
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ORS Shibata, D., Kato, T. and Ota, H.
Shibata, D., Kato, T. and Ota, H.
Shibata, D., Kato, T. and Ota, H.
Nat Datant: JP 1997224671-A 5 02-SEP-1997;
MITSUI GYOSAI SHOKUBUTSU BIO KENKYUSHO: KK
OS None
OC Artificial sequences.
PD 02-0-1997224671-
                                                                                                                                                                                                                                                                                                                                                                                                 unidentified
unclassified.
1 (bases 1 to 14)
Shibata,D., Kato,T. and Ota,H.
DNA CODING NEW CYTOCHROME P450
Patent: JP 1997224671-A 2 02-SEP-1997;
MITSUL GYOSAL SHOKUBUTSU BIO KENKYUSHO:KK
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    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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E13667
E13667.1 GI:3252444
JP 1997224671-A/5.
    1.18;
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E13664
E13664
UP 197224671-A/2.
unidentified
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Chondrosarcoma associated genes
Chondrosarcoma associated genes
Chondrosarcoma associated genes
Chondrosarcoma associated genes
Patent: JP 2002506617-A 3 05-MAR-2002,
RHODE ISLAWD HOSPITAL A LIFESPAN PARTNER
OS Artificial Sequence
PP 12-MAR-1999 JP 2000535749
PP 12-MAR-1999 UP 2000535749
PP 12-MAR-1999 UP 2000535749
PR 13-MAR-1999 UP 2000535749
PR ISCHARD M TEREK
PC C12N15/09, C07K14/47, C12N1/15, C12N1/19, C12N1/20, C12N1/21 PC
C12N15/09, C07R14/47, C12N1/15, C12N1/19, C12N1/20, C12N1/21 PC
C12N15/09, C07R14/47, C12N1/15, C12N1/19, C12N1/20, C12N1/20 CC
Artificial sequence
CC n = A, T, C or G
                                                                                                             Buxaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

Elee, M.B. and Hsieh, C.M.

S. Lee, M.B. and Hsieh, C.M.

A single gene encoding acrtic-specific and striated-specific muscle cell isoforms and uses thereof

PRESIDENT AND FELLOWS OF HARVARD COLLEGE

PN 07-AUG-2001

PP 06-FEB-1999 UP 1998534965

PR 06-FEB-1997 US 08/79586

PI MU BN LEE, CHUNG MING HSIEH

PC CIZINS/09, COTKL4/47, CIZNS/10, CIZNS/00, CIZNS/00 CC
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 0 c 0 g 12 t
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conservative 1; Mismatches
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/organism="Homo sapiens"
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BD140675.
BD140675.1 GI:23235620
UP 2002506617-10.2
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                      BD057045.1 GI:22602651 JP 2001511016-A/3.
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PD 07-AUG-2001
PF 06-FEB-1998 UP 199
PR 06-FEB-1997 US
PC C12N15/09,C07K14/4
Strandedness: Single;
CC Topology: Linear;
FH Key
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 14)
                                                                     Homo sapiens (human)
Homo sapiens
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linear PAT 27-APR-1998

DNA

14 bp

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C Artificial sequences.

N JP 1997224672-A/5

N JP 1997224672-A/5

N JP 297224672-A/5

E 21-FEB-1996 JP 1966033973

I SHIBATA DAISUKE, KATO TOMOHIKO, OTA HIROYUKI

C CL2N15/09,A01H5/00,C07H21/04,C07K14/415//C12N5/10,C12Q1/68; CC

Strandedness: Single,

C topology: Linear;

C hypothetical: No;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.1%; Score 12.2; DB 1; Length 14; 92.3%; Pred. No. 9e+02; tive 1; Mismatches 0; Indels
                                        E13672.1 GI:3252449
Up 1997224672-A/5.
Unidentified
unidentified
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Shibata,D., Kato,T. and Ota,H.
DNA CODING NEW DNA CONNECTED PROTEIN
PATENT: UP 1997224672-A 5 02-85P-1997;
MITSUL GYOSAL SHOKUBUTSU BIO KENKYUSHO:KK
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Location/Qualifiers
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/db_xref="taxon:32644"
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Best Local Similarity 92.3;
Matches 12; Conservative
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Best Local Similarity 82.4*
Matches 14; Conservative
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   E13672
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AX745127/c
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I SHIBATA DAISUTE, KATO TOMOHIKO, OTA HIROYUKI
C C12N15/09, ADIH16/00, C07H21/04, C07K14/415//C12N5/10, C12Q1/68; CC
Strandedness: Single;
C topology: Linear;
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/organism='Artificial sequences'
Location/Qualifiers
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/organism='Artificial sequences'
Location/Qualifiers
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              SHIBATA DAISUKE, KATO TOMOHIKO, OTA HIROYUKI
C12N15/09,C12N9/02,(C12N9/02,C12R1:91);
strandedness: Single;
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Up 19972246772-A/2.
Unidentified
Up 1997224672-A 2 02-68P-1997;
MITSUL GYOSAL SHOKUBUTSU BIO KENKYUSHO:KK
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llarity 92.3%; Pred. No. 9e+02;
Conservative 1; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
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19-FEB-1996 JP 1996031075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Artificial sequences.
JP 1997224672-A/2
02-SEP-1997
                                                        topology: Linear; hypothetical: No;
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PAT 14-MAY-2003

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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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2.4%; Pred. No. 1e+03;
ve 0; Mismatches 3;
                                                                                               A human G protein coupled receptor
Patent: WO 0301621-A 1092 17-APR-2003,
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                           /organism="Homo sapiens"
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5 c 4 g
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RESULT 1117 E13672/c

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Gaps

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PAT 21-JAN-2000
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                                                                                                                                                                                                                                                                                                                                                                                            unidentified
unclassified.
1 (base 1 to 17)
Hakenbeck, R.
DNA PROBES, METHOD AND KIT FOR IDENTIFYING ANTIBIOTIC-RESISTANT
STRAINS OF BACTBERA
PATENT: WO 9845041-A 5 29-OCT-1998;
MAX PLANCK GESELLSCHAFT (DE); HAKENBECK REGINE (DE)
Location/Qualifiers
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unclassified.
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l (bases 1 to 17)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A S60 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
1. 17
/organism="unidentified"
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
Jeffreys, A.J. and Armour, J.
IDENTIFICATION OF SIMPLE TANDEM REPEATS
PATENT: WO 9517522-A 94 29-JUN-1995;
UNIV LEICESTER (GB)
Other publication AU 1277995 950710.
                                                                                                                                                                                                                                                                                                                                DNA
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Sequence 560 from Patent WO9833904.
A88412
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fc c 5 g 5
                                                                                               /organism="unidentified"
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Sequence 5 from Patent W09848041.
A83827
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A83827
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A88412
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/organism="synthetic construct"
/moi_type="mRNA"
/db_xref="taxon:32630"
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Patent: WO 9202228-A 17 20-FEB-1992;
Location/Qualifiers
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Patent: WO 9202228-A 2 20-FEB-1992,
Location/Qualifiers
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Sequence 94 from Patent WO9517522.
A45424
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A21027
A21027.1 GI:641329
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Herrmann, B. and Kispert, A.
NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATIONS
THEREOF
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82.4%; Pred. No. 1e+03;
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                                                                                                                                                                                                                 unidentified
unidentified
unclassified.
1 (bases 1 to 17)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 560 05-AUG-1998,
BIOGNOSTIK GES (DE)
Location/Qualifiers
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Sequence 560 from Patent BP0856579.
A90379
A90379.1 GI:6738893
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
1 c 1 g
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Sequence 23 from Patent W09925815
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Best Local Similarity 82.4%;
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Unknown.
Unclassified.
I (bases I to 17)

Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
Riviere,M., de Taisne,C., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
Cox,W.I., Audonnet,J.-C.Francis. and Gettig,R.Robert.
Modified recombinant vaccinia virus and expression vectors thereof
Patent: US 5762936-A 167 09-JUN-1998;
Location/Qualifiers
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1 (Dases 1 to 17)

Hubbell, E.A., Morris, M.S. and Winkler, J.L.

Computer-aided engineering system for design of sequence arrays and lithographic masks

Patent: US 5856,101-A 2 05-JAN-1999;

Location/Qualifiers
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1 (bases 1 to 17)
Stinchcomb,D.T. and McSwiggen,J.A.
Interleukin-2 receptor gamma-chain ribozymes
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17 bp Di
Sequence 167 from patent US 5762938.
AR011298.1 GI:3969288
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Sequence 2 from patent US 5856101.
AR026537.
AR026537.1 GI:5937377
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Unclassfiled.

I (bases 1 to 17)
Grimm.S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 1708 17-NOV-1998;
                                                                                                                                                                                                                                                      Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 10+03; Matches 14; Conservative 0; Mismatches 3; Indels
17 bp DNA Sequence 1708 from patent US 5837542. AR057504. GI:5983081
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Unclassified.
1 (bases 1 to 17)
2 tinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozyn.E., braper,K., Inked adenylate residues
Patent: US 5817796-A 2151 06-OCT-1998;
Location/Qualifiers
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 581796-A 542 06-0CT-1998;
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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             Patent: US 5807743-A 1085 15-SEP-1998;
Location/Qualifiers
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ARG47358/C
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Unclassified.

(bases 1 to 17)

Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Braper,K.G.

Draper,K.G.

Expaper,K.G.

Expaper,K.G.

Expaper, V.G.

Expaper, V.G.
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      DNA
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1 (bases 1 to 17)
Jeffreys, A.John. and Armour, J.
Simple tandem repeats
Patent: US 5843647-A 94 01-DEC-1998;
Location/Qualifiers
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AR061229 17 bp 1
Sequence 94 from patent US 5843647.
AR061229 1 GI:5988920
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AR186688 176 from patent US 6346398.
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Sequence 2181 from patent US 6346398.
AR186693.1 GI:20232658
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 Sequence 2175 from patent US 6346398.
AR186687
AR186687.1 GI:20232652
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Unclassified.
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Unclassified.

I basea I to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346388-A 2174 12-FEB-2002;

Location/Qualifiers
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UnClassified.
1 (bases 1 to 17)
Thomas, W.J., Drayna, D.T., Feder, J.N., Gnirke, A., Ruddy, D.,
Thombishi, Z. and Wolff, R.K.
Hereditary Hemochromatosis gene products
Patent: US 6140305-A 50 31-OCT-2000;
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 2174 from patent US 6346398.
AR186686
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Sequence 50 from patent US 6140305.
AR117832.1 GI:14098738
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1 (Dases 1 to 17)

PavCo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346798-A 2181 12-FEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2176 12-FEB-2002;
Location/Qualifiers
1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Rethod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2175 12-FEB-2002;
Location/Qualifiers
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Sequence 5915 from patent US
AR190427
AR190427.1 GI:20236392
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AR190427/c
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2349 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and raegent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2546 12-FEB-2002;
Location/Qualifiers
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                         1.1%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. 1e+03;
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Pred. No. 1e+03;
0; Mismatches 3;
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Sequence 2546 from patent US 6346398.
AR187058.1 GI:20233023
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LOCUS AR187068 17 bp DNA
DEFINITION Sequence 2556 from patent US 6346398.
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Unknown.
Unclassified.

I (bases 1 to 17)

1 (bases 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 5915 12-FEB-2002;

Location/Qualifiers
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1 (bases 1 to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Rathod and reagent for the treatment of diseases or conditions
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[ [bases 1 to 17]
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398—A 2556 12-FEB-2002;
Location/Qualifiers
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AR187367
AR187367.1 GI:20233332
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1 (bases 1 to 17)

Pavov. P., McSwiggen.J., Stinchcomb.D. and Escobedo.J.

Rethod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Parent: US 6346398-A 7238 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Machod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7262 12-FEB-2002;
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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larity 82.4%; Pred. No. 1e+03;
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Sequence 7238 from patent US 6346398.
AR191750
AR191750.1 GI:20237715
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US 6346398.
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Sequence 7412 from patent US 6346398.
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Sequence 7262 from patent
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Unclassified.

I (bases 1 to 17)

1 (bases 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7767 12-FEB-2002;

Location/Qualifiers
Unknown...
Unknown...
Unknown...
Unclassified.

Unclassified.

1 (bases 1 to 17)

Pavco, Per N Kswiggen, Jr., Stinchcomb, D. and Escobeco, ...
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor related to levels of vascular endothelial growth factor receptor Patent: 18 6346398-A 712 12-FEB-2002;

Location/Qualifiers

Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398 A 7775 12 FEB-2002;
Location/Qualifiers
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AR192287.
AR192287.1 GI:20236252
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Sequence 7767 from patent US 6346398.
AR192279
AR192279.1 GI:20238244
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Best Local Similarity 82.4
Matches 14; Conservative
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PAT 20-APR-2002

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Unknown.
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Unclassified.
I (bases 1 to 17)
I (bases 1 to 17)
PavCo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
PavCo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7823 12-FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)

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8 baroo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

9 Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor retent: US 6346388-A 7824 12-FEB-2002;

10 Location/Qualifiers
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Unclassified.
1 (bases 1 to 17)
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P.Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 176 26-FEB-2002;
Location/Qualifiers
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Pred. No. 1e+03;
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Sequence 7824 from patent US 6346398.
AR192336
AR192336.1 GI:20238301
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Sequence 176 from patent US 6350934.
AR195711
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In (bases 1 to 17)

1 volumes 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Patchd and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7821 12-FEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7822 12-FEB-2002;
Location/Qualifiers
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AR192334.1 GI:20238299
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Harley, C.B. and Andrews, W.H.
Human telomerase catalytic subunit: diagnostic and therapeutic
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Unclassified.
1 (bases 1 to 17)
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Gho, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 885 26 FEB-2002;
                                            1 (bases 1 to 17)
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P.Ann.Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta 9 desaturase
Patent: US 632934-A 884 26 FEB-2002;
Location/Qualifiers
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Patent: US 6475789-A 248 05-NOV-2002;
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1 (bases 1 to 17)

Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.

Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 881 26-FEB-2002;
                                                                                                                                                                                                                                                            Unclassified.

1 (bases 1 to 17)

2 wick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens., Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J., Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 666 26-FEB-2002;

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Sequence 881 from patent US 6350934.
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Unclassified.
1 (base1 to 17)
1 seigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 605 04-MAR-2003;
Location/Qualifiers
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 332 04-MAR-2003; Location/Qualifiers
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Sequence 684 from patent US 6528640.
AR286312. GI:29723908
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AR286233
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/organism="unknown" 7 g
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AR286233
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Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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Methods and Kits for discovery of rna-binding compounds
Patent: WO 9564625-A 1 16-DEC-1999;
RIBOTARGETS LIMITED (GB)
im Unknown.
Unclassified.
E 1 (bases 1 to 17)
is Beigelman, i., Burgin, A., Beaudry, A., Karpeisky, A.,
Beigelman, J., Burgin, A., Sweedler, D. and Zinnen, S.
Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
AL Patent: US 6528640-A 684 04-MAR-2003;
Location/Qualifiers
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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/mol_type="genomic RNA"
/db_xref="taxon:12721"
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Method and generation of dna fingerprints
Patent: EP 1002876-A 4 24-MAY-2000;
SCHOUTEN JOHANNES PETRUS (NL)
Location/Qualifiers
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/mol_type="genomic DNA"
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Sequence 4 from Patent EP1002876.
AX024019
AX024019.1 GI:10184334
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Sequence 1 from Patent WO9964625.
AX008727
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5 a 6 c 6 g
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synthetic construct
artificial sequences.
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PAT 30-MAY-2001

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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria, Actinobacteria, Actinobacteridae, Actinomycetales,
Corymebacterineae, Mycobacteriaceae, Mycobacterium
tuberculosis complex.
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Kit for diagnosis of tubercle basolli
Patent: BP 1076099-A 101 14-FBB-2001;
NISSHINBO INDUSTRIES, INC. (JP); System Research Incorporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 237 16-AUG-2001; RIBOZYME PHARMCEUTICALE, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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/mol_type="mRNA"
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Sequence 101 from Patent BP1076099.
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Sequence 237 from Patent WO0159103.
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AX214795.1 GI:15524838
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synthetic construct
artificial sequences.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Bumo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Twal compositions and methods of use
Patent: WO 0129235-A 13 26-APR-2001;
Emory University (US)
Location/Qualifiers
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Sequence 25 from Patent W00120034.
AX099965
AX099965.1 GI:13538975
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AX118630 GI:14035581
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/db_xref="taxon:9606"
 /db_xref="taxon:32630"
/note="Adapter Eco"
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Mus musculus
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PAT 07-SEP-2001

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Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 1623 16-AUG-2001; RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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/db_xref="taxon:32630"
/noTe="Nucleic Acid"
/ a 0 c 7 g 3 t
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Sequence 2580 from Patent WO0159103.
AX217138.1 GI:15527199
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1169 16-AUG-2001;
RIBOZYME PARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 155103-A 1168 16-AUG-2001;
RIBOZYMR PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/or_Lype="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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|mol type="mkNA"
| xref="texon 32630"
|noFe="Nucleic Acid"
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Sequence 1169 from Patent W00159103.
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Sequence 1623 from Patent WO0159103.
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2767 16-AUG-2001;
RIBOZYMS PHARACEUTICALE, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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             Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2580 16-AUG-2001;
RIBOZYME PHARMACEUTICALE, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 2873 from Patent W00159103.
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Sequence 2767 from Patent WO0159103.
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Matches 14; Conservative 0; Mismatches 3;
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/bb_xref="taxon:32630"
/noTe="Nucleic Acid"
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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Sequence 3250 from Patent WO0159103.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0153103-A 3603 16-AUG-2001;
RIBOXYME HARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 015103-A 3627 16-AUG-2001;
RIBOXYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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/mol type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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Pred. No. 1e+03;
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/organism="synthetic construct"
/mol_type="mRNA"
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/note="Nucleic Acid"
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Sequence 3603 from Patent WO0159103.
AX218161
AX218161.1 GI:15528222
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Method and reagent for the inhibition of checkpoint kinase-1 (chk
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Method and reagant for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3753 16-AUG-2001;
RIBOZYMS PHARMCEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, Jammes (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0157206-A 97 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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.ve 0; Mismatches 3;
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Sequence 3753 from Patent WO0159103.
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Sequence 1124 from Patent W00157206.
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RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Parent: WO 0157206-A 430 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Sequence 837 from Patent WO0157206.
AX227465
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Patent: WO 0157206-A 1123 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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PAT 26-OCT-2001

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Homo sapiens
Homo sapiens
Bukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 319 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 3159 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
                    3; Indels
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches
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Seguence 3159 from Patent WO0173002.
AX265768
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/mol_type="mRNA"
/db_xref="taxon:9606"
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AX265768/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for identifying transposons from a nucleic acid database
Patent: WO 0163540-A 46 30-AUG-2001;
McGILL UNIVERSITY (CA)
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 3158 04-OCT-2001,
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="sequence from gi 3600045"
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/organism="synthetic construct"

/mol_type="mRNA"

/db_xref="taxon:32630"
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Sequence 46 from Patent WO0163540.
AX235089
AX235089.1 GI:15593737
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
 Location/Qualifiers
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artificial sequences.
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Best Local Similarity 82.45
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                                      PAT 29-0CT-2001
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                             Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0165911-A 623 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 391 30-AUG-2001;
RIBOZYME PHARMACHICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 623 from Patent WO0162911.
AX273054
AX273054.1 GI:16545791
                                    AX272822
Sequence 391 from Patent WO0162911.
AX272822
AX272822.1 GI:16545559
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Sequence 292 from Patent WO0198537.
AX419955.1 GI:21524322
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AX273054
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RESULT 1190
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Method and reagent for the inhibition of erg
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Method and reagent for the inhibition of erg
Patent: WO 1088124-A 57 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) , GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Lyamichev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T. Nucleic acid accessible hybridization sites
Patent: WO 0198537-A 292 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
Location/Qualifiers
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                                                                                                   /organism="Synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630" 8 t
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Pred. No. 1e+03;
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Sequence 332 from Patent W00188124.
AX421996
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Sequence 57 from Patent WO0198124,
AX421721
AX421721.1 GI:21525103
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/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens
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Best Local Similarity 82.4°
Matches 14; Conservative
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Best Local Similarity 82.45
Matches 14; Conservative
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AX423214
AX423214.1 GI:21526596
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/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Best Local Similarity 82.4%;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 188124-A 565 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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Rendi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1005 22-NOV-2001;
RIBOZYME PHARMACHENS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
 Patent: WO 0188124-A 332 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Sequence 565 from Patent WO0188124.
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/db_xref="taxon:9606"
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A.1550 22-NOV-2001;
RIBOZYME PHARMACHALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1187 22-NOV-2001;
RIBOZYME PHARRACHELS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Score 12.2; DB 1; Length 17;
Pred. No. 1e+03;
0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
iive 0; Mismatches 3;
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AX423518/c LOCUS DEFINITION ACCESSION VERSION VERSYORDS SOURCE ORGANISM

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PAT 12-AUG-2002
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                Homo sapiens (human)
Pamo, sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                     Zhang,J.

Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 237 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 238 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 519 from Patent WO0224750.
AX475298.1 GI:22214583
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Sequence 237 from Patent WO0224750.
AX475016
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Rattus norvegicus
Bukattus Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Muxinae;
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Randi,A.M.
Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1884 22-NOV-2001,
RIBOZYME PHARACEUTCALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Partent: WO 0218407-A 202 07-MAR-2002;
Gruenent: Hal GmbH (DE)
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Sequence 1854 from Patent W00188124.
AX423518
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RESULT 1200 AX456730/c LOCUS

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarthini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Matches 14; Conservative 0; Mismatches 3; Indels
                               Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches 3; Indels
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Human testis expressed patched like protein
Patent: EP 1229046-A 492 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 696 07-AUG-2002;
Aeomica, Inc. (US)
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AX499389
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/organism="Homo sapiens"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Zhang, J.

Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 519 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein :
Patent: WO 0224750-A 974 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1229046-A 329 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 974 from Patent WO0224750.
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Sequence 329 from Patent EP1229046.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human testis expressed patched like protein
Patent: BP 1229046-A 4228 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Homo sapiens (human)
Amos sapiens
Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Bureleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidee; Homo.
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AX531777
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Acomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1286 11-SEP-2002;
Acomica, Inc. (US)
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Human nedd-1
Patent: WO 0226818-A 178 04-APR-2002;
Aeomica. Inc. (US)
Location/Qualifiers
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AX31669
AX531669 GI:25255124
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: BP 1239051-A 1803 11-SEP-2002;
Aeomica, Inc. (US)
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Patent: BP 1239051-A 2043 11-SEP-2002;
Aeomica, Inc. (US)
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Sequence 1803 from Patent EP1239051.
AX532294
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Seguence 2043 from Patent EP1239051.
AX532534
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: EP 1239051-A 1797 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 1801 11-SEP-2002;
Aeomica, Inc. (US)
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Sequence 1797 from Patent EP1239051.
AX532288
AX532288.1 GI:25256359
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Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: BP 1243660-A 93 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 2056 11-SEP-2002;
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Sequence 2056 from Patent BP1239051.
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Sequence 128 from Patent EP1243660.
AX544615
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Sequence 93 from Patent EP1243660.
AX544580
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and Crupe, A. Method and the second of calcium activated chloride channel 1 (clca-1)
Patent: WO 0211674-A 904 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Zhang,J., Gu,Y. and Nguyen,C.T.
Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 128 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: BP 1243660-A 706 25-SEP-2002;
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Method and reagent for the inhibition of calcium activated chloride channel-1 (clos-1).
Patent: WO 0211674-A 1093 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Method and reagent for the inhibition of calcium activated chloride
channel 1 (cloal)
Patent: WO 0211674-A 1519 14-PBB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US)
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1519 from Patent WO0211674.
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AX579681.1 GI:27648883
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Sequence 1093 from Patent WO0211674.
AX579255
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Method and reagent for the inhibition of calcium activated chloride channel-1 (GlCa-1)
Patent: WO 0211674-A 1913 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 1913 from Patent W00211674.
AX580075.1 GI:27649277
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Sequence 587 from Patent WO0244994.
AX598313
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Best Local Similarity
Matches 14; Conserv
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human lccl-domain containing protein
Patent: EP 1262488-A 43 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 148 04-DEC-2002;
Aeomica. Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Sequence 43 from Patent BP1262488.
AX61236
AX615236.1 GI:28446135
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/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human lccl-domain containing protein
Patent: EP 1262488-A 689 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 690 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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17 bp
Sequence 689 from Patent EP1262488.
AX615882
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Sequence 739 from Patent BP1262488.
AX615932
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 126 08-JAN-2003;
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                        Gu, Y. and Nguyen, C.T.
Human lccl-domain containing protein
Patent: EP 126248-A 739 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1696 from Patent EP1260586.
AX634557 GI:28470171
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/organism="Homo sapiens"
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3 c 7 g 1
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/mol_type="mRNA"
/db_xref="taxon:32644"
7 c 3 g 5
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 149 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1273660-A 927 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 82.4<sup>§</sup>
Matches 14, Conservative
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Best Local Similarity 82.4
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: EP 1273560-A 1365 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3;
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Sequence 100 from Patent WO03004526.
AX671655 GI:29330003
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               AX649524 100 DNA 17 bp DNA Sequence 1364 from Patent BP1273660. AX649524
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Human sodium-hydrogen exchanger like F
Patent: EP 1273660-A 1364 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                                                AX649524.1 GI:29152342
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Mono sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 928 08-JAN-2003;
Aeomica, Inc. (US)
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Patent: BP 1273660-A 1221 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1221 from Patent EP1273660.
AX649381
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Sequence 928 from Patent EP1273660.
AX649088.1 GI:29151906
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/organism="Homo sapiens"
/wol_type="genomic DNA"
/db_ref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
Best Local Similarity 82.4%; Pred.
Matches 14; Conservative 0; Mis
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GAATCTTCGCTGGCTCA 17
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
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                            Telerman, A., Amson, R. and Tuijnder, M.
Teguences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: Wo 03004526-A 100 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Matches 14; Conservative 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1236 from Patent W003004526.
AX672791 GI:29331139
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/mol_type="genomic DNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Patent: WO 03004526-A 1274 16-JAN-2003;
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medicines
Patent: WO 03004526-A 1236 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1274 from Patent WO03004526.
AX672829
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03004526-A 1486 16-JAN-2003;
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Best Local Similarity 82.4<sup>†</sup>
Matches 14; Conservative
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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1.1%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. le+03;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX673410
AX673410.1 GI:29331758
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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RESULT 1248 AX673431 LOCUS

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REFERENCE AUTHORS TITLE

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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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Patent: WO 03004526-A 1929 16-JAN-2003;
Molecular Engines Laboratories (FR)
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                   AX673484 17 bp DNA Sequence 1929 from Patent WO03004526.
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Sequence 57 from Patent WO02059381.
AX676104
AX676104.1 GI:29333788
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AX684313
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AX684313
AX673484/c
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Zequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: WO 03004526-A 1888 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: WO 03004526-A 1876 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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RESULT 1249
AX673443/C
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Query Match
1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indela
                      1. .17

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 Inc. (US)
Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;

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Aeomica, Inc. (US)
Location/Qualifiers
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                                      Fabre, J.
Stimulation of the immune system
Patent: WO 02083183-A 1 24-OCT-2002;
King's College London (GB)
Location/Qualifiers
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Sequence 282 from Patent BP1281758.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 982 from Patent BP1281758.
AX688250
AX687551 17 bp 1
Sequence 283 from Patent EP1281758.
AX687551. GI:29410247
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/ db_tref="taxon:606"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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AX690365/c
LOCUS AX690365
DEFINITION Sequence 3097 from Patent EP1281758.
                                                                                                                 Sequence 1440 from Patent EP1281758.
AX688708
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Acomica, Inc. (US)
Location/Qualifiers
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AX688791
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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1 ACACCACCTGGAGGTGC 17
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Pred. No. 1e+03;
0; Mismatches 3; Indels
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AX688647
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Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Sequence 1158 from Patent EP1281758.
AX688426
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Parent: EP 1281758-A 4562 05-FEB-2003;
Aeomica, Inc. (US)
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Sequence 3398 from Patent EP1281758.
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                         Homo sapiens
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 10+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 3098 from Patent EP1281758.
AX690366
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Sequence 3272 from Patent
AX690540
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Nannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
Patent: EP 1281758-A 3272 05-FEB-2003;
Aeomica, Inc. (US)
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Matches 14; Conservative 0; Mismatches 3; Indels
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 5263 from Patent EP1281758.
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/organism="Homo sapiens"
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/organism="Homo sapiens"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 4577 from Patent EP1281758.
AX691845.
AX691845.1 GI:29414786
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Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 5425 05-FEB-2003;
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                    Eukaryoča, Metazoa, Chordata, Craniata; Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Aeomica, Inc. (US)
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Sequence 5829 from Patent BP1281758.
AX633097
AX693097.1 GI:29416061
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Sequence 6016 from Patent EP1281758.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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                                          17 bp DNA
Sequence 5360 from Patent BP1281758.
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Aecmica, Inc. (US)
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/db_xref="taxon:9606"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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82.4%; Pred. No. 1e+03;
tive 0; Mismatches 3; Indels
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Acomica, Inc. (US)
Location/Qualifiers
                         Patent: EP 1281758-A 6016 05-FEB-2003;
Aeomica, Inc. (US)
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Sequence 6105 from Patent EP1281758.
AX693373
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Best Local Similarity 82.4%
Matches 14; Conservative
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12

Batent: EP 1281758-A 6122 05-FEB-2003;

Aeomica, Inc. (US).
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Seguence 6122 from Patent EP1281758.
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Patent: EP 1285963-A 61 26-FEB-2003;
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Paten: WO 03025176-A 853 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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82.4%; Pred. No. 1e+03;
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Patent: WO 03025176-A 898 27-MAR-2003;
Molecular Engines Laboratories (FR)
                                                     AX723166 17 bp DN Sequence 853 from Patent W003025176.
AX723166
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Sequence 900 from Patent WO03025176.
AX723213
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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                                                                                                                                                                                    Mus musculus (house mouse)
Mus musculus
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RESULT 1281
AX723166
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AX723211
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 787 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: WO 03025176-A 290 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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Mus musculus
760 AGATGGCAGAACTGGAG 776
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                   Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 900 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 1e+03;
0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Seguence 1249 from Patent W003025176.
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
2 c 6 g 4
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/db_xref="taxon:10090"
5 c 3 g
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Mus musculus
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Mus musculus
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AX723562.1 GI:30424063
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AX723213.1 GI:30423714
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mus musculus
Bukaryota, Metazoa, Chordata, Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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                                                 Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03102176-A 1249 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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/mol_type="genomic DNA"
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Mus musculus
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AX723613.1 GI:30424114
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Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Patent: WO 03025176-A 1931 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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ilarity 82.4%; Pred. No. 1e+03;
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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a 4 c 5 g
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/db_xref="taxon:10090"
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Mus musculus
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AX724469
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: WO 03025176-A 1878 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025176-A 1403 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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1 GATCTCTGGTTTGGTGG 17
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Muka musculus
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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1.1%; Score 12.2; DB 1; Length 17; llarity 82.4%; Pred. No. 1e+03; Conservative 0; Mismatches 3; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                           17 bp DNA
Sequence 2437 from Patent W003025176.
AX724750
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Molecular Engines Laboratories (FR)
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17 bp DN.
Sequence 2933 from Patent WO03025176.
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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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82.4%; Pred. No. 1e+03;
Live 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3205 from Patent W003025176.
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Mammalia, Butheria, Rođentia, Sciurognathi, Muridae, Murinae, Mus
                   Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Paten: WO 03025176-A 4143 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Mus musculus"
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Patent: WO 03025176-A 3776 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
          Sequence 3776 from Patent W003025176. AX726089
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Sequence 4143 from Patent WO03025176.
AX726456
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/organism="Mus musculus"
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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               Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Patent: WO 03025176-A 4631 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025176-B Aboratories (FR)
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
5 c 3 g 3
                                                                                                                                       organism="Mus musculus"
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/db_xref="taxon:10090"
1 c 2 g
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AX726977.1 GI:30506320
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AX727450/c
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AX726977/c
LOCUS
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus.
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2.4%; Pred. No. 1e+03;
ve 0; Mismatches 3; Indels
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Patent: WO 03025176-A 5459 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Patent: WO 03025176-A 5137 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
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                                                                                              /organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Best Local Similarity 82.4%; Pri
Matches 14; Conservative 0;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                            Homo sapiens (human)
Homo sapiens
Eukarycia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhin; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
Live 0; Mismatches 3;
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Patent: WO 03025175-A 173 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches
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Sequence 173 from Patent WO03025175.
AX728539
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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                                                                     Query Match 1.1%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches 3; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX727995
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Molecular Engines Laboratories (FR)
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5 c 2 g
/mol_type="genomic DNA"
/db_xref="taxon:10090"
8 c 1 g
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Mus musculus
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Best Local Similarity 82.4;
Matches 14; Conservative
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                             Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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2.4%; Pred. No. 1e+03;
e 0; Mismatches 3;
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82.4%; Pred. No. 1e+03;
iive 0; Mismatches 3;
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Patent: WO 03025175-A 1484 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
17 bp DNA
Sequence 1484 from Patent W003025175.
AX729850
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 594 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                           17 bp DN Sequence 348 from Patent WO03025175.
AX728714
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/mol_type="genomic DNA"
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Best Local Similarity 82.4
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3026 from Patent WO03025175.
AX731392
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 4830 27-MAR-2003;
Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 3026 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606" 7
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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 Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Matches 14; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 5481 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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82.4%; Pred. No. 1e+03;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 5376 from Patent WO03025175.
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/db_xref="taxon:9606"
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Best Local Similarity 82.4
Matches 14; Conservative
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PAT 08-MAY-2003

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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03023177-A 887 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 759 27-MAR-2003;
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/mol_type="genomic DNA"
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/db_xref="taxon:9606"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Momo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Datent: WO 303025177-A 83 27-MAR-2003,
Molecular Engines Laboratories (FR)
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Patent: WO 03025175-A 5495 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 5495 from Patent WO03025175.
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Sequence 83 from Patent WO03025177.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
                                                                               Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptoesis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03022177-A 2804 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27-MAR-2003;
Patent: WO 3030217-A 4825 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 3;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 1532 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and as medicaments with 2582 27-MAR-2003; Molecular Engines Laboratories (FR)
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Sequence 2582 from Patent WO03025177.
Sequence 1532 from Patent WO03025177.
AX735942
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/mol_type="genomic DNA"
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/db_xref="taxon:9606"
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/organism="synthetic construct"
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1 BD011185.
1 BD011185.1 GI:18639558
JP 2001081042-A/142.
unidentified
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Sequence 22 from Patent W003027328.
AX741048
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Best Local Similarity 82.4
Matches 14; Conservative
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Best Local Similarity
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AX741048/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 4874 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177 A 4973 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 1e+03;
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Sequence 4973 from Patent WO03025177.
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Sequence 10 from Patent WO03027328.
AX741036
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2 c 3 g 6
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/mol_type="genomic DNA"
/db_xref="teaxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
/organism="syntheric" | Normal | Normal
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E 1 (bases 1 to 17)
S Schi, T. N. Lingmar, T., Chapman, K.B., Mori, G.B.,
Harley, C.B. and Andrews, W.H.
Human telomerase catalytic subunit
D Patent: P 2001081042-A 142 27-MAR-2001,
GENON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/142
PD 27-MAR-2001
PP 27-MAR-2001
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BD067453 17 bp RNA linear PAT 27-AUG-2002 Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
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Akhtar,S., Fell,P. and Mcswiggen,J.A.
Brzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors
Patent: JP 2001511003-A 293 07-ANG-2001;
RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
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AUTHORS
AUTHORS
Schlingensiepen, K.H. and Brysch, W.
TITLE
An antisense oligonacleotide preparation method
JOURNAL
BAGONOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNknown 12 2001511000-A/560
PP 30-JAN-1998 UP 1998532533
PR 31-JAN-1997 EP 9710157*
PI KARL HERMANN SCHIT*
PC C12N15/1*
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07-AUG-2001
10-JAN-1998 JP 1998522533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
CLINI, COTHZI/04, AGIKS1/70
An antisense oligonucleotide preparation method PH
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PN JP 2001511003-A/293
PD 07-ANG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US
SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC
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1.1%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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CC Strandedness: Single;
CC Topology: Linear;
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BD067453.1 GI:22613056
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                   557 CCAACAGCAGGGATCCT
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AGIK38/00, AGIK31/7088, AGIK39/00, AGIK48/00, AGIP35/00, AGIP43/00,
CO7K5/10,
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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Corymabacterinae; Actinobacteriae; Actinomycetales;
Corymabacterinae; Mycobacteriacae; Mycobacterium; Mycobacterium
tuberculosis complex.
                                                                                                                                                                                                                                 CO7K5/107, CO7K5/117, CO7K7/06, CO7K7/08, CO7K16/40, C12N9/12, PC
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Suzuki, S., Nishida, M. and Takenishi, S.
Buzuki, S., Nishida, M. and Takenishi, S.
Bishida, M. and Takenishi, S.
Batent: JP 2001103981-A 101 17-APR-2001;
NISSHINBO IND INC, SYSTEM RESEARCH CO LTD
S Mycobacterium tuberculosis
PN JP 2001103981-A/101
PP 72-CJUL-2000 JP 2000225985
PP 26-JUL-2000 JP 2000225985
PP 35-JUL-2000 JP 2000225985
C12N15/09, C12N15/09, C12N1/00, C12Q1/68/(C12Q1/68, C12R1:322), PC (C12Q1/68, C12R1:325), (C12Q1/68, C12R1:332), C12N15/00, C12N1
                                                                                                                                            PU CALVIN B HARLEY, WILLIAM H ANDREWS
PC AGINSS/00, AGINS3/7088, AGINSS/00, AGIPSS/00, AGIP43/1
PC AGINSS/10,
PC COTKS/10,
PC COTKS/10,
PC COTKS/10,
PC COTKS/10,
PC COTKS/10,
PC CIQUI/48, CI2QI/68, GOIN33/15, GOIN33/53,
PC CI2QI/02, CI2QI/48, CI2QI/68, GOIN33/15, GOIN33/53,
PC GOIN33/53,
PC GOIN33/53,
PC GOIN33/53,
PC TOPOLOGY: Linear;
PT Source
PT Source
PT - /organism='Unidentified'.
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25-APR-1997 US 08/846017,06-MAY-1997 US 08/851843 PR 09-MAY-1997 US 08/911312 PR 14-AUG-1997 US 08/911312 PR 14-AUG-1997 US 08/912951,14-AUG-1997 US 08/9125503 PI R SECHI,JOACHIM LINGNER,TORU NAKAMURA,KAREN B CHAPMAN, PI MORIN,
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/organism="Mycobacterium tuberculosis"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism='Unidentified'.
Location/Qualifiers
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BD013537/c
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unclassified.

In (bases 1 to 17)
S Aktar, S., Fell, P. and Mcswiggen, J.A.

Entymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

L Patent: UP 2001511003-A 645 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
OS Unidentified

PN JP 2001511003-A 645
PD 07-AUG-2001
PR 14-JAN-1998 UP 1999532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI CANAN-1997 US ELL, JAMES A MCSWIGGEN PC CI2N9/00, COTX44/71

CC Strandedness: Single;
CC TOPOLOGY: Linear;
CC Enzymatic nucleic acid treatment of diseases or conditions CC
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Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors.
BD06780S
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Patent: JP 2001520520-A S 30-OCT-2001;
MAX PLANCK GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV
OS Artificial Sequence
N JP 2001520520-A/5
PD 30-OCT-2015
PD 30-OCT-2015
PP 22-APR-1998 JP 1998544739
PR 24-ARR-1997 DE 197 17 346.2
PR REGINE HAKENBECK
C C1201/68
CC Description of the Artificial Sequence: 'DNA probe' FH Key
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Topology: Linear,
Enzymatic nucleic acid treatment of diseases or conditions
related to
levels of epidermal growth factor receptors
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1. .17
/organism='Unidentified'
Location/Qualifiers
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82.4%; Pred. No. 1e+03;
trive 0; Mismatches 3;
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| organism="unidentified"
| mol_type="genomic RNA"
| db_ref="taxon:32644" | 7
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Hakenbeck, R.
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BD17

BD2001511003-A/360.

BD27MB EHARMACEUTICALS

BD27MB PHARMACEUTICALS

BD2001511003-A/360

BD07-MUG-2001

BD007-MUG-2001

BC07-MUG-2001

BC07-MUG-20
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       Enzymatic nucleic acid treatment of diseases or conditions related to
levels of epidermal growth factor receptors
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Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Topology: Linear;
Enzymatic nucleic acid treatment of diseases;
Enzymatic nucleic acid treatment of diseases;
related to
levels of epidermal growth factor receptors
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to levels of epidermal growth factor receptors.
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/organism='Unidentified'
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/db_xref="taxon:32644"
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MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV
OR Artificial Sequence
ON Artificial Sequence
PN JP 200152349-A/14
PD 27-NOV-2001
PF 18-NOV-1999 BP 27120190.0,02-MAR-1998 EP 98103596.7 PI
BERNHARD HERRWANN BIRGIT KOSCHORZ, ANDREAS KISPERT PC
C12N15/09,A01K67/027,A61K31/7088,A61K38/45,A61K39/395,A61K48/ PC
OO'AL6/40,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/12 PC
C12Q1/68/A61K85/12,
PC C12221/08/C12N15/00,A61K37/52,C12N5/00
PC C12P21/08/C12N15/10,A61K37/52,C12N5/00
PC C12P21/08/C12N15/10,A61K37/52,C12N5/00
PC C12P21/08/C12N15/10,A61K37/52,C12N5/00
PC Description of Artificial Sequence: synthetic no-natural CC
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I (bases 1 to 17)
Herrmann, B., Koschorz, B. and Kispert, A.
Nucleic acids involved in the responder phenotype and applications thereof
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/organism='Artificial Sequence'
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Pred. No. 1e+03;
); Mismatches 3;
               1. 17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO NISHIDA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO OS Artificial Sequence
BN WO 0192572-A/1235
BD 06-DEC-2001
PF 01-JUN-2001 WO 2001JPD004662
PR 01-JUN-2000 JP 00P 164799
PR 01-JUN-2000 JP 00P 164799
PI HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI PI MATSUMURA,
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68,C12M1/00,C12N15/09,G01N33/53
CC Description of Artificial Sequence:capture
FH Key Location/Qualifiers
FT SOURCE //organism='Artificial Sequence'.
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synthetic construct
artificial sequences.
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Inloko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
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82.4%; Pred. No. 1e+03;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="unknown"
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01201/02,
01201/68, 01201/68, GOIN33/15, GOIN33/48, GOIN33/50//CO7K14/47, PC
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PF 15-OCT-1998 JP 1998320169
PF 15-OCT-1998 JP 1998320169
PF 071-1998 JP 1998320169
PF 071-1998 JP 19974 (43,18-APR-1997 US 08/844.419, PR 05-APR-1997 US 08/851.643, PR 09-MAY-1997 US 08/854.050,14-AUG-1997 US 08/951.312, PR 09-MAY-1997 US 08/951.957 US US 08/95
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1 (Dasser 1 to 17)

Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C., Greg,B.M., Calvin,B.H. and William,H.A.
Human telomerase catalytic subunit promoter
Patent: JP 199253177-A 142 21-SEP-1999;
JERON CORP.UNIVERSITY TECHNOLOGY CORP
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Location/Qualifiers
1. 17 / Organism="unidentified"
//mol type="genomic DNA"
//db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                     E36934 17 bp DNA li
Human telomerase catalytic subunit promoter.
E36934 GI:13022897
UP 1999253177-A/142.
unidentified
                                                                                      1.1%; Score 12.2; DB 1;
ilarity 82.4%; Pred. No. 1e+03;
Conservative 0; Mismatches 3;
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Sequence 167 from patent US 5494807.
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Unknown.
Unknown.
Unclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
1 Hubbell, R. A., Lipshutz, R. J., Morris, M. S. and Winkler, J. L.
Computer-aided engineering system for design of sequence arrays and lithographic masks
Patent: US 5593839-A 2 14-JAN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 17)
Hubbell,E.A., Morris,M.S. and Winkler,J.L.
Computer aided engineering system for design of sequence arrays and
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1 (Dases 1 to 17)
Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
Paoletti,E., Perkus,M.E., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
Cox,W.I., Audonnet,J.-C.F. and Gettig,R.R.
NYVAC vaccinia virus recombinants comprising heterologous inserts
Patent: US 5494807-A 167 27-FEB-1996;
Location/Qualifiers
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Patent: US 5571639-A 2 05-NOV-1996;
Location/Qualifiers
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Sequence 2 from patent US 5593839,
133620
133620.1 GI:1824411
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Sequence 2 from patent US 5571639.
128328.1 GI:1819104
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806 ACTGAACCCTGGTACTG 822
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Unclassified.
1 (bases 1 to 17)
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C.myb targeted ribozymes
Patent: US 5646042-A 542 08-JUL-1997;
Location/Qualifiers
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb targeted ribozymes
Patent: US 5646642-A 2151 08-UUL-1997;
Location/Qualifiers
                         Score 12.2; DB 1; Length 17;
Pred. No. 1e+03;
0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1e+03;
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Sequence 2151 from patent US 5646042.
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Sequence 542 from patent US 5646042.
I52801.1 GI:2474002
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176402
176402.1 GI:3012556
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176402
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Unclassified.
1 (bases 1 to 17)
Mak, P. and Karathanasis,S.K.
Mechanism-based screen for retinoid X receptor agonists and
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I (bases 1 to 17)
Mak.P. and Matchanasis,S.K.
Mechanism-based screen for retinoid X receptor agonists and
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Unchassified.

1 (bases 1 to 17)

Mak, P. and Karathanasis, S.K.

Recombinant nucleic acid containing a response element

Retent: US 5691196-A 17 25-NOV-1997;

Location/Qualifiers
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1.1%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: US 5700650-A 17 23-DEC-1997;
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Patent: US 5714595-A 17 03-FEB-1998;
Location/Qualifiers
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Sequence 17 from patent US 5700650.
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Mak, P. and Karathanasis, S.K.
Mechanism based screen for retinoid X receptor agonists and
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Best Local Similarity 82.4%; Pred. No. 1e+03;
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Patent: US 5700682-A 17 23-DEC-1997;
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Sequence 12 from patent US 5734033.
196093
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Sequence 25 from Patent WO9744485.
A67605
A67605.1 GI:4756468
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1 (bases 1 to 17)
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1 (bases 1 to 18)

2 oddfellow, P.N.

Methods for identifying a mutation in a gene of interest without a phenotypic guide
Patent: US 5994075-A 25 30-NOV-1999;
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1 (Dassis 1 to 12)
Vasseur,M., Blumenfeld,M., Meguenni,S. and Poddevin,B.
STAPLE AND SEMI-STAPLE OLIGONUCLEOTIDES, METHOD OF PREPARATION AND
APPLICATIONS
Patent: WO 9423026-A 1 13-OCT-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
unclassified.

1 (bases 1 to 18)
Goodfellow, P.N.
METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST
PATENT: WO 9744485-A 25 27-NOV-1997;
HEXAGEN TECHNOLOGY LIMITED (GB)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels
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Other publication FR 2703053 940930.
Location/Qualifiers
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Sequence 1 from Patent WO9423026.
A40125
A40125.1 GI:2296283
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/wol_type="genomic DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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REFERENCE AUTHORS TITLE JOURNAL

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La (bases 1 to 12)

RS Chatelain, F. and Kumarev, V.

Process for preparing polymucleotides on a solid support in a tightly packed bed

tightly packed bed

NAL Patent: US 569643-4 8 09-FEB-1999;

Location/Qualifiers

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1 (bases 1 to 12)
Letsinger,R.L. and Herrlein,M.K.
Covalent lock for self-assembled oligonucleotide constructs
Covalent to S 578613-A B 14-UL-1998;
Patent: US 578613-A B 14-UL-1998;
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Pfleiderer, W., Schnell, R. and Marysiak, S.
Solid-phase synthesis of oligoribonucleotides
Patent: US 5866700-A 1 02-FEB-1999;
Location/Qualifiers
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Sequence 8 from patent US 5869643.
AR034894.1 GI:5950499
Sequence 8 from patent US 5780613.
AR018207. GI:3973810
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Sequence 1 from patent US 5866700.
AR032140
AR032140.1 GI:5946429
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Letsinger, R.L. and Herrlein, M.K.
Covalent lock for alf-assembled oligonucleotide constructs
Patent: US 5780613.A 7 14.-UL-1998;
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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METHOD OF NUCLEIC ACID ANALYSIS
PATCHI: MO 9627681-A 41 12-SEP-1996;
IMP CANCER RES TECH (GB)
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                                             ilarity 100.0%; Pred. No. 8.6
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Sequence 7 from patent US 5780613.
AR018206
AR018206.1 GI:3973809
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Sequence 41 from Patent W09627681.
A56751.
A56751.1 GI:3712786
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PAT 29-SEP-1999

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Unclassified.
1 (bases 1 to 12)
Kool, E.T.
Single-stranded circular oligonucleotides useful for drug delivery
Patent: US 5872105-A 15 16-FEB-1999;
Location/Qualifiers
                                            1 (bases 1 to 12)
Kool, E.T.
Single-stranded circular oligonucleotides useful for drug delivery
Patent: US 5872105-A 11 16-FEB-1999;
Location/Qualiflers
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Best Local Similarity 100.0%; Pred. No. 8.68+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Unclassified.
1 (bases 1 to 12)
Kool,E.T.
Highly sensitive multimeric nucleic acid probes
Patent: US 6077668-A 7 20-UUN-2000;
Location/Qualifiers
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Sequence 15 from patent US 5872105.
AR036352
AR036352.1 GI:5953020
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Sequence 7 from patent US 6077668.
AR098649.1 GI:12808415
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Single-stranded circular oligonucleotides useful for drug delivery
Patent: US 5872105-A 8 16-PEB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 12)
Chatchain, F. and Kumarev, V.
Process for preparing polymucleotides on a solid support in a tightly packed bed
Patent: US 5869643-A 14 09-FEB-1999;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Sequence 14 from patent US 5869643.
AR034897.1 GI:5950502
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Sequence 8 from patent US 5872105.
AR036345
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Length 12

PAT 08-AUG-2001

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1 (bases 1 to 12)
Dale,R.M.K., Gatton,S.L. and Arrow,A.
Pulmonary delivery of protonated/acidified nucleic acids
Patent: US 6211162-A 5 03-APR-2001;
Location/Qualifiers
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1 (bases 1 to 12)

Dale,R.M.K., Gatton,S.L. and Arrow,A.

Pulmoary delivery of protonated/acidified nucleic acids

Patent: US 6211162-A 6 03-APR-2001;

Location/Qualifiers
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Prakash,T.P.
2'-O-acetamido modified monomers and oligomers
Patent: US 6147200-A 5 14-NOV-2000;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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Sequence 5 from patent US 6211162.
AR145143
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Sequence 6 from patent US 6211162.
AR145144 AR145144.1 GI:15107011
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AR145143
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Unclassified.
1 (bases 1 to 12)
Manoharan,M., Kawasaki,A.M., Cook,P.Dan., Fraser,A.S. and
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Location/Qualifiers
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1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred, No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Sequence 5 from patent US 6147200.
ARI41899
ARI41899.1 GI:15101415
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Sequence 1 from patent US 6169177.
AR123340.1 GI:14108306
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Sequence 2 from patent US 6169177.
AR123341. GI:14108307
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Manoharan, 6--- the
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Manoharan, f...
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AR141899/c
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Poly(ether-thioether), poly(ether-sulfoxide) and poly(ether-sulfone) mucleic acids
Patent: US 6348583-A 20 19-FEB-2002;
Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0;
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Sequence 20 from patent US 6348583.
AR194730
AR194730.1 GI:20241322
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Sequence 19 from patent US 6348583.
AR194729 1 GI:20241321
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Sequence 16 from patent US 6359194.
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Unclassified.
Unclassified.
I (bases 1 to 12)
Guegler.K., Tan.R. and Rose,M.J.
Methods and compositions for producing full length cDNA libraries
Patent: US 6326175-A 5 04-DEC-2001;
Location/Qualifiers
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1 (bases 1 to 12)
Dale, K.M.K., Arrow, A., Gatton, S.L. and Thompson, T.
Protonared(acidified nucleic acids and methods of use Patent: US 6211349-A 5 03-APR-2001;
Location/Qualifiers
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100.0%; Pred. No. 8.6e+02;
rative 0; Mismatches 0; Indels
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                                          Sequence 5 from patent US 6211349.
AR145317
AR145317.1 GI:15107184
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Sequence 6 from patent US 6211349.
AR145318
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Sequence 5 from patent US 6326175.
AR179430.1 GI:20220985
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RESULT 1373
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PAT 06-JUL-2002
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071147-A 3 30-NOV-2000;
Avents Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="Region A"
0 c 0 g 12 t
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1 (bases 1 to 12)

Ruzz, M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods
Patent: US 6429300-A 18 06-AUG-2002;
Location/Qualifiers
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Sequence 18 from patent US 6429300.
AR222458
AR222458.1 GI:23329989
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Sequence 3 from Patent WO0071747.
AX048404 GI:12225568
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AX048404/c
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AR222458
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                                                     Unknown.
Unclassified.
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Galvin,K., Falb,D.A., Domovan,M.J., Huszar,D. and Gimbrone,M.A. Jr..
Compositions and methods for the treatment and diagnosis of
Cardiovascular disease
Cardiovascular disease
Patent: US 6359194-A is 19-MAR-2002;
Location/Qualifiers
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Unknown.
Unknown.
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Unklassified.
Guegler, Y., Tan, Rose, M.J.
Guegler, Y., Tan, Rose, M.J.
Fusion protein comparising an eIF-4E domain and an eIF-4G domain joined by a linker domain
Patent: US 6369199-A 5 09-APR-2002;
Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0; Indels
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Circular DNA vectors for synthesis of RNA and DNA
Patent: US 6368802-A 7 09-APR-2002;
Location/Qualifiers
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Sequence 5 from patent US 6369199.
AR205694.1 GI:21503342
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/organism="unknown"
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AR201467.1 GI:20252355
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AR204723/c
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PN JP 200129398-A/18
PD 3-OCT-2001
PP 25-APR-2000 JP 2000123755
PI KOICHI NISHIGAKI, TSUTOMU TAKASAWA, KEIICHI HAMANO PC
C12Q1/68, C12N15/09, G01N21/64, G01N27/447, G01N37/50 CC
FH Key
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BD093390.1 GI:22638978
WO 0107455-A/6.
Synthetic construct
Synthetic construct
artificial sequences.

E 1 (bases 1 to 12)
I (bases 1 to 12)
Synthy CO LTD.TARESHI INANISHI. SATOSHI KCHIGA
SANKYO CO LTD.TARESHI INANISHI. SATOSHI KCHIGA
ON WO 0107455-A/6
PN WO 010745-A/6
PN WO 0107455-A/6
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in (bases 1 to 12)
Nishigaki,K., Takasawa,T. and Hamano,K.
Method for identifying organism by genotype
Patent: JP 2001299398-A 18 30-OCT-2001;
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Matches 12; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                             Salceda, S., Macina, R.A., Recipon, H., Cafferkey, R., Ali, S., Sun, Y.
                                                                                                                                                                                                                                                    and Liu,C.
Compositions and methods relating to prostate specific genes and
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PN JP 200129398-A/7
PD 30-0CT-2001
PF 25-APR-2000 JP 2000123755
ACCICHI NISHIGAKI, TSUTOMU TAKASAWA, KELICHI HAMANO PC
C1201/68, C12N15/09, G01N21/64, G01N27/447, G01N27/447, G01N33/50 CC
FH Key
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100.0%; Pred. No. 8.6e+02;
tive 0; Mismatches 0; Indels
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1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Method for identifying organism by genotype.
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DEFINITION Method for identifying organism by genotype.
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unclassified.
1 (bases 1 to 12)
Nishigaki, K., Takasawa, T. and Hamano, K.
Method for identifying organism by genotype
Patent. JP 2001299398-A 7 30-OCT-2001;
                                                                                                                                                                                                                                                                                                     proteins
Patent: WO 0242463-A 109 30-MAY-2002;
Diadexus, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                           | 1.12
|/organism="Homo sapiens"
|/mol_type="genomic DNA"
|/db_tref="taxon:9606" 0
Sequence 109 from Patent WO0242463.
AX452475
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/mol_type="genomic DNA"
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Location/Qualifiers
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JP 2001299398-A/7.
unidentified
                                                           AX452475.1 GI:21712385
                                                                                                         Homo sapiens (human)
Homo sapiens
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BD062282
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PAT 26-JUL-1995

RESULT 1387

ORGANISM

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COMMENT

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Unknown.
Unclassified.
1 (bases 1 to 12)
Kooll.E.T.
Stem-loop oligonucleotides containing parallel and antiparallel
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                                                                                                                                                                                                                                                                Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 12)
2 (bol. E.T.
Methods of making single-stranded circular oligonucleotides
Patent: US 5426180-A 15 20-UN-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.1%; Score 12; DB 1; Length 12;
100.0%; Pred. No. 8.6e+02;
tive 0; Mismatches 0; Indels
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1.1%; Score 12; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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Sequence 15 from patent US 5426180.
112569.1 GI:909952
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Sequence 18 from patent US 5514546.
120203
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Unclassified.
1 (bases 1 to 12)
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Matches 12; Conservative
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                                                                                                                             PAT 18-MAR-2003
                                                                                                                                                                                                                                                                                                                                                                                                                         Artificial Sequence
JP 2002255990-A/6
JL-SEP-2002
JS-NOV-2001 JP 2001352543
TAKESHI IMANISHI, SATOSHI KOHIGA
COTHIB/06, AGIK31/712, AGIK48/00, AGIP31/18, CO7H19/16, C07H21/00,
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Unclassified.
Unclassified.
I (bases 1 to 12)
I (bases 2 to 12)
Kool, E.T.
Methods of making single-stranded circular oligonucleotides
Patent: US 5426180-A 8 20-UN-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         P. 13-13-25-2010 JP 2001352543
PI TAKESHI IMANISHI, SATOSHI KCHIGA
PC COTH19/06, A61K31/712, A61K48/00, A61P31/18, C07H19/16, C
PC C12N15/00
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| /organism='Artificial Sequence'.
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                                                                                                             12 bp DNA linear 2'-4'-BNA oligonucleotide having N3'-P5' binding. BD175803
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100.0%; Pred. No. 8.6e+02;
ative 0; Mismatches 0; Indels
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synthetic construct
artifical sequences.

1 (Dases 1 to 12)
Imanishi, T. and Kohiga, S.
2'-4'-BNA oligonuclectide having N3'-F5' binding
Patent: JP 2002255990-A 6 11-SEP-2002;
SANKYO CO LTD
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1.1%; Score 12; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 8 from patent US 5426180.
112562.
112562.1 GI:909946
                                                                                                                                                                                                   BD175803.1 GI:29121505 JP 2002255990-A/6.
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Best Local Similarity 100.
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REFERENCE AUTHORS TITLE JOURNAL FEATURES

DEFINITION

PAT 06-FEB-1997

linear

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1 (bases 1 to 12)
Switzer, C
Antiesnse oligonucleotides comprising 5-aminoalkyl pyrimidine nucleotides
Patent: US 5596091-A 8 21-JAN-1997;
Location/Qualifiers
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1 (bases 1 to 12)
Switzer, C.
Antisense oligonucleotides comprising 5-aminoalkyl pyrimidine
nucleotides
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Unclassified.
1 (bases 1 to 12)
Switzer,C.
Antisense oligonucleotides comprising 5-aminoalkyl pyrimidine
nucleotides oligonucleotides 13 21-JAN-1997;
Patent: US 5596091-A 3 21-JAN-1997;
Location/Qualifiers
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1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Sequence 9 from patent US 5596091.
134644
134644.1 GI:1825435
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equence 8 from patent US 5596091.
134643.1 GI:1825434
                                            Sequence 3 from patent US 5596091.
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/organism="unknown"
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                 RESULT 1394
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Unclassified.
I (bases 1 to 12)
Switzer,C.
Antisense oligonucleotides comprising 5-aminoalkyl pyrimidine
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Unclassified.
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1 (bases 1 to 12)
Switzer.C.
Antisense oligonucleotides comprising 5-aminoalkyl pyrimidine nucleotides
Patent: US 5596091-A 1 21-JAN-1997;
Location/Qualifiers
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100.0%; Pred. No. 8.6e+02;
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Patent: US 5514546-A 19 07-MAY-1996;
Location/Qualifiers
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Sequence 2 from patent US 5596091.
134637
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Sequence 1 from patent US 5596091.
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134637/c
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1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 12)
Pfleiderer,W., Schnell,R. and Matysiak,S.
Pfleiderer,B., Schnell,R. and Matysiak,S.
Solid-phase synthesis of Oligoribonucleotides
Patent: US 5652388-A 1 29-UUL-1997;
Location/Qualifiers
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1 (bases 1 to 12)
Barascut, J. L. and Imbach, J.-L.
011gothionucleotides
Patent: US 5639873-A 5 17-JUN-1997;
Location/Qualifiers
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Patent: US 5683874-A 8 04-NOV-1997;
Location/Qualifiers
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Sequence 8 from patent US 5683874.
172093.
172093.1 GI:3008232
12 bp
Sequence 5 from patent US 5639873.
147693.
147693.1 GI:2471658
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20 dequence 1 from patent US 5652358.

158806

158806.1 GI:2478044
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Kool, E.T.
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172093
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I58806/c
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 12; Conservative. 0; Mismatches 0;
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1 (bases 1 to 12)
Barascut, J. L. and Imbach, J.-L.
01igothiconcleotides
Patent: US 5639873-A 3 17-JUN-1997;
Location/Qualifiers
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1 (bases 1 to 12)
Barascut, J. L. and Imbach, J. L. C.
Oligothionucleotides
Patent: US 5639873-A 2 17-UUN-1997;
Location/Oualifiers
       Patent: US 5596091-A 9 21-JAN-1997;
Location/Qualifiers
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Sequence 2 from patent US 5639873.
147690.
147690.1 GI:2471655
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147691.
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147693/c
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PAT 29-SEP-1999
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Unclassified.
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Falb,D.
Pappositions and methods using rchd534, a gene uregulated by shear
stress
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                                   Unknown.
Unknown.
Unclassified.
1 (bases 1 to 13)
Smith,H.S. and Chen,L.-C.
Methods for identifying genes amplified in cancer cells
Patent: US 5776683-A 10 07-JUL-1998;
Location/Qualifiers
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1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 9.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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Location/Qualifiers
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Sequence 19 from patent US 5849578.
AR065881
AR065881.1 GI:5996097
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Sequence 19 from patent US 5834248.
AR053554.1 GI:5978416
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 AR016242.1 GI:3972519
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1 (bases 1 to 13)
Falb, D.A.
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Single-stranded circular oligonucleotides capable of forming a triplex with a target sequence
Patent: US 5683874-A 15 04-NOV-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                        Single-stranded circular oligonucleotides capable of forming a triplex with a target sequence Patent: 15 583874-A 11 04-NOV-1997; Location/Qualifiers
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Sequence 11 from patent US 5683874.
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1 (bases 1 to 12)
Kool,E.T.
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1 (bases I to 13)

1 (bases I to 13)

Falb,D.A. and Gimbrone,M.A. Jr.

Compositions and methods for the treatment and diagnosis of cardiovascular disease

cardiovascular disease

Patent: Us 6492126.A 16 10-DEC-2002;

Location/Qualifiers

1 others
                   Unknows..

Unclassified.

1 (bases 1 to 13)

Falb, D.A. and Gimbrone, M.A. Jr.

Compositions and methods for the treatment and diagnosis of cardiovascular disease using rchd534 as a target cardiovascular disease using rchd534 as a target Patent: US 6225084-A 19 0.1 MAY-2001;

Location/Qualifiers
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic rept in human genes
Patent: US 6472154-A 29 29-OCT-2002;
Location/Qualifiers
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tive 0; Mismatches 0; Indels
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Sequence 16 from patent US 6492126.
AR265160 1 GI:29693562
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Sequence 29 from patent US 6472154.
AR241741
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Falb, D.A. and Gimbrone, M.A. Jr.
Compositions and methods for the treatment and diagnosis of cardiovascular diagnosis of patent: US 6087477-A 16 11-JUL-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                               1 (bases 1 to 13)
Falb, D.A. and Gimbrone, M.A. Jr.
Compositions and methods for the treatment and diagnosis of cardiovascular disease using rchd523 as a target
Patent: US 5968770-A 19 19-OCT-1999;
Location/Qualifiers
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Sequence 19 from patent US 6225084.
AR148318
AR148318.1 GI:15112408
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AR103441
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AR080363
AR080363.1 GI:10007098
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Unclassified.
E (bases 1 to 14)
S Bloom, D., Fathman, C.Garrison. and Slaymaker, S.
Anergy genes
AL Patent: US 5747299-A 2 05-MAY-1998;
Location/Qualifiers
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tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630" 3 t
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Location/Qualifiers
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Sequence 2 from patent US 5747299.
AR004935.1 GI:3965814
/mol_type="genomic DNA" · /db_xref="taxon:82513" 2 a 1 c 3 g 7
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CI2N15/09,CI2Q1/04,C12Q1/68//(C12N15/09,C12R1:645),C12N15/00, PC
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GILLESPIE LAURA LEE (CA); PATERNO GARY DAVID (CA)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="pcr oligonucleotide"
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Matches 12; Conservative
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                                                                                    1 (bases 1 to 14)
Gryaznov, S.M.
Convergent synthesis of branched and multiply connected macromolecular structures
Patent: US 8830658-A 8 03-NOV-1998;
Location/Qualifiers
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Unklown.
Unclassified.
1 (bases 1 to 14)
Fisher, P.B. and Shen, R.
Human prostate tumor inducing gene-1 and uses thereof
Patent: US 581764-A 8 22-DEC-1998;
Location/Qualifiers
14
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Synthesis of branched nucleic acids
Patent: US 6180777.A 6 30-JAN-2001;
Location/Qualifiers
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Sequence 8 from patent US 5851764.
AR067459
AR067459.1 GI:5998681
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Sequence 6 from patent US 61807777.
AR127785.
AR127785.1 GI:14114380
Sequence 8 from patent US 5830658.
AR051240
AR051240.1 GI:5974604
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1 (bases 1 to 14)
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AR127785/C
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85.7%; Pred. No. 9.6e+02;
ive 1; Mismatches 1; Indels
Query Match 1.1%; Score 12; DB 1; Length 14; Best Local Similarity 100.0%; Pred. No. 9.6e+02; Matches 12; Conservative 0; Mismatches 0; Indels
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Matches 12; Conservative 0; Mismatches 0; Indels
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Unclassified.
1 (bases 1 to 14)
Borchert, T. Vedel., Kretzschmar, T. and Cherry, J.R.
Shuffling of heterologous DNA sequences
Shuffling of heterologous PNA sequences
Patent: US 6291165-A 26 18-SEP-2001;
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Synthesis of branched nucleic acids
Patent: US 6180777-A 8 30-JAN-2001,
Location/Qualifiers
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Sequence 26 from patent US 6291165.
AR169361. GI:17907214
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Sequence 28 from patent US 6291165.
AR169363. GI:17907216
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AR127787.
AR127787.1 GI:14114382
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PAT 07-SEP-2000
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Unclassified.
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I (bases)
Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G.
Retinoid metabolizing protein
Patent: US 6306624-A 20 23-OCT-2001;
Localion/Qualifiers
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Unclassified.
1 (bases 1 to 14)
1 (bases 1 to 14)
Peckovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: US 6306624-A 23 23-0CT-2001;
Location/Qualifiers
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Signal transduction protein involved in plant dehiscence
Patent: WO 9949046-A 1 30-SEP-1999;
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Best Local Similarity 100.0%; Pred. No. 9.6e+02;
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Sequence 23 from patent US 6306624.
AR174033 AR174033.1 GI:17914353
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Sequence 20 from patent US 6306624.
ARI74030.1 GI:17914350
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Sequence 1 from Patent WO9949046.
AX016298 GI:10041861
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Petkovich, P. Martin., White, J.A., Beckett, B.R. and Jones, G. Retinoid metabolizing protein
Patent: Location/Qualifiers
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Patent: US 630664-A 15 23-OCT-2001,
Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0; Indels
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Borchert, T. Vedel., Kretzschmar, T. and Cherry, J.R. Shuffling of heterologous DNA sequences
Patent: US 6291165-A 28 18-SEP-2001;
Location/Qualifiers
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1.1%; Score 12; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 9.6e+02;
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AR174025.1 GI:17914345
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ROBERTS JEREMY ALAN (GB); BIOGEMMA UK LTD (GB); WYATT PAUL (GB); WHITELAM CATHERINE (GB)
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Zis-sr nucleic acid and amino acid sequences involved in the regulated secretory pathway and/or the regulation of the neuroendocrine phenotype (nep)
Patent: WO 02061082-A 26 08-AUG-2002;
Universite de Sherbrooke (CA)
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Zis-sr nucleic acid and amino acid sequences involved in the regulated secretory pathway and/or the regulation of the neuroendocrine phenotype (nep)
Patent: WO 02061082-A 28 08-AUG-2002;
Universite de Sherbrooke (CA)
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Sequence 26 from Patent W002061082.
AX642208 1 GI:28474656
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Antiense oligonucleotides which can inhibit the formation of capillary tubes by endothelial cells
Patent: WC 02103014-A 24 27-DEC-2002;
Al-Mahmood, Salman (FR)
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Antisense oligonuclectides which can inhibit the formation of Antisense oligonuclectides which can inhibit the formation of capillary tubes by endothelial cells
Patent: WO 02103014-A 26 27-DEC-2002;
Al-Mahmood, Salman (FR)
Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0;
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Sequence 26 from Patent WO02103014.
AX659632 GI:29161814
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Sequence 24 from Patent WO02103014.
AX659630
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Suishelm,K., Hosier,S. and Kubbies,M.
Suishelm,K., Hosier,S. and Kubbies,M.
Suishelm,K., Hosier,S. and Kubbies,M.

Look of Colorisides, A. 2 28-AUG-2001;
UNIVERSITY OF WASHINGTON
OR Unidentified
PN JP 2001512698-A/12
PP 28-AUG-12001
PF 08-AUG-1998 JP 2000506375
PR 08-AUG-1998 JP 2000506375
PR 08-AUG-1997 W 08/908873
PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC
     PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC (12021/68, CO7K14/435, CO7K16/18, C12N1/15, C12N1/19, C12N15/09, PC (122P11/02, C12P21/03, C12N15/00) PC (12P21/02, Linear; Single; C Topology: Linear; Single; CC Topology: Linear; Single; CC Topology: Linear; Location/Qualifiers FT source Location/Qualifiers FT source / Organism='Unidentified'.
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100.0%; Pred. No. 9.6e+02;
ive 0; Mismatches 0; Indels
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Strandedness: Single;
Topology: Linear;
Isolation of novel aging factor gene P23
Key
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Location/Qualifiers
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N BD073887.
BD073887.1 GI:22619490
JP 2001512698-A/12.

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PC C12P2
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CC ISO1a
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Subbelm,K., Hosier,S. and Kubbies,M.
Isolation of novel aging factor gene P23
I patent: JP 2001512689-A 9 28-AUG-2001;
ONIVERSITY OF WASHINGTON
OS Unidentified
PN JP 2001512698-A/9
PD 28-AUG-2001
PF 05-AUG-1997 US 08/908873
PR NARBN SUISHELM,SUZANNE HOSIER,WANFRED KUBBIES PC
C1201/68,C07K14/435,C07K16/18,C12N1/15,C12N1/19,C12N1/5)99, PC
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Topology: Linear;
Isolation of nove;
Key Location/Qualifiers
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/organism='Unidentified'
Location/Qualifiers
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BD073885.1 GI:22619488
UD 200151269-A/10.

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1 (bases 1 to 14)
Suishelm,K., Hosier,S. and Kubbies,M.
Isolation of novel aging factor gene P23
Patent: JP 2001512698-A 10 28-AUG-2001;
ON VERRITY OF WASHINGTON
ON Unidentified
PN JP 2001512698-A/10
PP 28-AUG-2001
PP 08-AUG-1999 JP 2000506375
PR 08-AUG-1997 US 08/908873
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100.0%; Pred. No. 9.6e+02;
Live 0; Mismatches 0;
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     Mismatches
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/mol_type="genomic DNA"
/db_ref="taxon:32644"
| db_c 0 c 2 g 12
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JP 2001512698-A/9.
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  12; Conservative
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BD073884/c
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BD073885/c
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Unclassified.

| (bases 1 to 15)
| Draper.K.G.
| Method and reagent for inhibiting hepatitis C virus replication Patent: US 5869253-A 417 09-FEB-1999;
| Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication Patent: US 5869253-A 419 09-FEB-1999;
Location/Qualifiers
1..15
                                                                                                                        Unclassified.

1 (Dases 1 to 14)
Villeponteau, B., Feng, J., Funk, W. and Linskens, M.H.K. Method and Kit for enhanced differential display Patent: US 5580726-A 2 03-DEC-1996;
Location/Qualifiers
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1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 9.6e+02;
tive 0; Mismatches 0;
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Seguence 417 from patent US 5869253.
AR033651
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                                       Sequence 2 from patent US 5580726.
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Best Local Similarity 100.0
Matches 12, Conservative
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Gryaznov, S.M.
Convergent synthesis of branched and multiply connected macromomolecular structures
Patent: US 5571677-A 8 05-NoV-1996;
Location/Qualifiers
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               3D073888 14 bp DNA Isolation of novel aging factor gene P23
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Matches 12; Conservative 0; Mismatches
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xef="taxon:32644"
2 c 0 g 12
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Sequence 8 from patent US 5571677.
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JP 2001512698-A/13.
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PAT 16-MAY-2001

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Unclassified.
I (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 358 17-OCT-2000,
Location/Qualifiers
                                                     Unknown,
Unclassified.
Unclassified.
I (bases 1 to 15)
Draper N.G
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6132966-A 419 17-0CT-2000;
Location/Qualifiers
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Tournier-Lasserve, E., Joutel, A., Bousser, M.-G. and Bach, J.-F. Gene involved in cadasil, method of diagnosis and therapeutic application
Patent: US 6537775-A 4 25-MAR-2003;
Location/Qualifiers
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100.0%; Pred. No. 1e+03;
iive 0; Mismatches 0
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AR113912.1 GI:14094234
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Sequence 4 from patent US 6537775.
AR300202
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/organism="unknown"
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      AR113475
AR113475.1 GI:14093797
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Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6132966-A 417 17-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                          Gaps
                                                                                                                                                                                                                                                                                    Unknown.
Unclassified.
1 (Dases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
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Patent: US 5837542-A 358 17-NOV-1998;
Location/Qualifiers
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Sequence 417 from patent US 6132966.
AR113473.1 GI:14093795
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Sequence 358 from patent US 5837542.
AR056154.
AR056154.1 GI:5981731
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AR113475/c
LOCUS AR113475
DBFINITION Sequence 419 from patent US 6132966.
                                       Query Match
1.1%; Score 12; DB
Best Local Similarity 100.0%; Pred. No. 1e+
Matches 12; Conservative 0; Mismatches
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Best Local Similarity 100.
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AR113473/C
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KEYWORDS
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AUTHORS
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RESULT 1444 AX190915/c LOCUS

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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE

JOURNAL

FEATURES

REFERENCE

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Woolf,T.
Method and reagent for inhibiting the expression of disease related
                                                                                                   PAT 21-FEB-2003
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                                                                                                                                                                                                                                                                           Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: EP 1260586-A 330 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 3294 from Patent EP1260586.
AX636155
AX636155.1 GI:28471769
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Sequence 330 from Patent EP1260586.
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/organism="unidentified"
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/db_xref="taxon:32644"
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/organism="unidentified"
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AX633191/c
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AX636155
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                                                                                                                                                                                                                                                                                                                                                                                                               Olek,A. and Piepenbrock,C.
Method for the parallel detection of the degree of methylation of genomic dna
Patent: WO 0142493-A 266 14-JUN-2001;
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Method for the parallel detection of the degree of methylation of genomic dna
Patent: WO 0142493-A 267 14-JUN-2001;
Epigenomics AG (DB)
Location/Qualifiers
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        Query Match 1.1%; Score 12; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 1e+03; Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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// Organism="synthetic construct"
// nol_type="genomic DNA"
// db_xref="taxon:32630"
// note="chemisch vorbehandelte Genom-DNA"
// note="chemisch vorbehandelte genom-DNA"
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1. .15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texcn:22630"
/note="chemisch vorbehandelte Genom-DNA"
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Sequence 267 from Patent W00142493.
AX190916
AX190916.1 GI:15144200
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artificial sequences.
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Matches 12; Conservative
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BASE COUNT

RESULT 1445
AX190916
LOCUS
DEFINITION
ACCESSION
VERSTON
KEYWORDS
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REFERENCE AUTHORS TITLE

JOURNAL

FEATURES

BASE COUNT

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Unclassified.
1 (bases 1 to 15)
Draper.K.G.
Enzymatic.RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 417 11-MAR-1997;
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Unclassified.
I (bases 1 to 15)

Lraper, K.G.
Enzymatic RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 419 11-MAR-1997;

Location/Qualifiers
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Unknown.
Unclassified.
1 (Dases 1 to 15)
Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
                                                                                                     15 bp Di
Sequence 417 from patent US 5610054.
157880.
157880.1 GI:2482944
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Sequence 350 from patent US 5658780.
1161796 1 GI:2479744
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/organism="unknown"
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1084 AAAAAAAAAA 1095
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157880/c
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                                                                                                                         Synthetic construct artificial sequences.

artificial sequences.

1 (bases 1 to 15)

Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and Mishida, M.

Mishida, M.

Mishida, M.

MISSINNBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
                                                            PAT 27-AUG-2002
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McLean, M.J., Holland, D., Garman, A.J. and Sheppard, R.C.
Multiple obligonucleotide containing oligomers and the cleanable
linkers used in their preparation
Patent: US 5552535-A 2 03-58P-1996;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                        Artificial Sequence
W0 0192572-A/26
06-DEC-2001
01-JUN-2001 W0 2001JP0004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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Location/Qualifiers
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1.1%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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                                                            linear
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C1201/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: capture
Key
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a l c 7 g l t
                                                          2 15 bp DNA method for determining HLA type.
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Sequence 2 from patent US 5552535.
125868
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/organism="unknown"
                                                                       Kit and method for determ BD103922 BD103922.1 GI:22649496 WO 0192572-A/26.
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PAT 07-0CT-1997
PAT 07-0CT-1997
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PAT 20-DEC-2002
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McClelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same
Patent: US 6495319-A 77 17-DBC-2002;
Location/Qualifiers
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McClelland,M., Welsh,J. and Trenkle,T.
Reduced complexity nucleic acid targets and methods of using same
Patent: US 6495319-A 85 17-DEC-2002;
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1 (bases 1 to 16)
Brunkow, M.E., Proll,S., Paeper, B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475799-A 29 05-NOV-2002;
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                                AR242883 16 bp 16 bp 17 Sequence 29 from patent US 6475739. AR242883.1 GI:27289545
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Sequence 57 from patent US 6495319.
AR266619.1 GI:29695683
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Sequence 85 from patent US 6495319.
AR266647
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AR242883/c
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Thompson, R.F., Gomi, H. and Sun, W.
Thompson, R.F., Gomi, H. and Sun, W.
cDNA, genomic, and predicted protein sequences of learning-induced kinases
Ratent: US 6428994-A 1 06-AUG-2002;
Location/Qualifiers
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Hawdon, J.M., Hotez, P.J. and Jones, B.F.
Nucleic acids encoding ancylostoma secreted protein
Patent: US 5753787-A 13 19-MAY-1998;
Location/Qualifiers
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100.0%; Pred. No. 1e+03;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.1e+03;
tive 0; Mismatches 0; Indels
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Rel a targeted ribozymes
Patent: US 5658780-A 350 19-AUG-1997;
Location/Qualifiers
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Sequence 13 from patent US 5753787.
AR008570.1 GI:3967679
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AR221992
AR221992.1 GI:23329318
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8 c 2 g
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7 c 5 g
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Best Local Similarity 100.
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AR221992/c
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PAT 31-MAY-2001
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Melon promoters for expression of transgenes in plants
Patent: WO 0171013-A 3 27-SEP-2001;
Exelixis Plant Sciences, Inc. (US)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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/mol_type="genomic DNR"
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Sequence 19 from Patent W00134834.
AX146677
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Sequence 23 from Patent WO0171013.
AX253411
AX253411.1 GI:16073945
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AX146677/c
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AX253411/c
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AX282036
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Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosida; eurosida I; Malpighiales; Rhizophoraceae; Bruguiera.
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/note="Artificially Synthesized Primer Sequence"
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/db xref="taxon:32630"
/note="PRIMBR"
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Patent: WO 0130999-A 81 03-MAY-2001;
EBARA CORPORATION (JP)
Location/Qualifiers
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Sequence 14 from Patent WO9934217.
AX003112
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Sequence 81 from Patent W00130999.
AX127438 AX127438.1 GI:14133903
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Brodin, P. and Thelin, A. Molecules involved in the regulation of insulin resistance syndrome
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Human and mouse e2-protein, nucleic acids coding therefor and uses
thereof
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/organism="synthetic construct"
/organism="genomic DNA"
/db xref="texcn:22630"
/note="H-T11-A PRIMER"
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0;
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/db_xref="taxon:32630"
/note="PCR primer"
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AstraZeneca AB (SE)
Location/Qualifiers
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Sequence 3 from Patent W00218568.
AX394752 4X394752.1 GI:21065831
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Sequence 7 from Patent WO0218421
AX394783 1 GI:21065857
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                              Gluconobacter cerinus
Gluconobacter cerinus
Bacteria, Proteobacteria, Alphaproteobacteria, Rhodospirillales,
Acetobacteraceae, Gluconobacter.
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                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                       Ashby,M.
Methods for the survey and genetic analysis of populations
Patent: WO 0177392-A 168 18-OCT-2001;
Ashby, Matthew (US)
Location/Qualifiers
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Methods for identifying genomic deletions
Patent: W W 0210455-A 29 07-FEB-2002;
Celltech R & D. Inc. (US); Straehling-Hampton, Karen (US)
Location/Qualifiers
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Sequence 29 from Patent WO0210455.
AX384935
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AX391465.1 GI:19700075
 AX282036.1 GI:16609287
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(Dases I to 16)
Barascut, J.-L. and Imbach, J.-L.
Oligothionucleotides
Patent: US 5639873-A 4 17-JUN-1997;
Location/Qualifiers
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1 (bases 1 to 17)
Riedal,H.
Protein Kinase C assay
Patent: US 5776685-A 6 07-JUL-1998;
Location/Qualifiers
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147692.
147692.1 GI:2471657
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AR016252
AR016252.1 GI:3972529
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Suishelm,K., Hosier,S. and Kubbies,M.

Isolation of novel aging factor gene P23

Isolation of novel aging factor gene P23

I Patent: JP 2001512698-A3 28-AUG-2001;

UNIVERSITY OF MASHINGTON

OS Unidentified

PN JP 2001512698-A3

PF 05-AUG-1998 JP 2000506375

PR 08-AUG-1997 US 08/9108033

PI KAREN SUISHELM, SUZANNE HOSIER, MANFRED KUBBIES PC

C1201/68 CO7K14/435, C07K16/18, C12N1/15, C12N1/19, C12N15/09, PC

C12P21/02,

CC Strandedness: Single;

CC Isolation of novel aging factor gene P23

FH Key
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tuijnder, M., Telerman, A., Amson, R. and Susini, L. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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                                        / Match 1.1%; Score 12; DB 1; Length 16; Local Similarity 100.0%; Pred. No. 1.1e+03; les 12; Conservative 0; Mismatches 0; Indels
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C12P21/08,C12N15/00
Strandedness: Single;
Topology: Linear;
Isolation of novel aging factor gene P23
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LOCATION/QUALIFIERS
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Sequence 223 from Patent WO02059256.
AX494458
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_rref="taxon:9606"
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JP 2001512698-A/3.
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Homo sapiens
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PAT 29-SEP-1999
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Prochler,B., Wagner,R., Matteucci,M., Jones,R.J., Gutierrez,A.J. and Pudlo,J.
Methods of using oligomers containing modified pyrimidines
Patent: US 58310653-A 38 03-NOV-1998;
Location/Qualifiers
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1797 06-OCT-1998;
Location/Qualifiers
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100.0%; Pred. No. 1.1e+03;
cive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0;
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Sequence 38 from patent US 5830653.
AR051157
AR051157.1 GI:5974521
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AR072247/c
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DRFINITION Sequence 50 from patent US 5948611.
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ARO47004.1 GI:5968469
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AR051157/c
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AR047004/c
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Unclassified.
1 (Clases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1683 06-OCT-1998;
Location/Qualifiers
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Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1795 06-OCT-1998;
Location/Qualifiers
                                                                                                                                       Unclassified.
Unclassified.
1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1681 06-OCT-1998;
Location/Qualifiers
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100.0%; Pred. No. 1.1e+03;
vative 0; Mismatches 0; Indels
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AR046890.
AR046890.1 GI:5968355
                                  Sequence 1681 from patent US 5817796. AR046888
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Sequence 1795 from patent US 5817796.
AR047002.1 GI:5968467
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ARO46888/c
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Unclassified.
1 (bases 1 to 17)
Pavo.P., McSwight, Stinchcomb,D. and Escobedo,J.
Pavo.P., McSwight for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7333 12-FEB-2002;
Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4362 12-FEB-2002;
Location/Qualifiers
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Pred. No. 1.1e+03;
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Sequence 7333 from patent US 6346398.
AR191845
AR191845.1 GI:20237810
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ARI88874.1 GI:20234839
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AR188874/c
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Unclassified.
1 (bases I to 17)
1 (bases I to 17)
Keating, M.T. Sanguinetti, M.C. and Splawski, I.
Keating, M.T. Sanguinetti, M.C. and Splawski, I.
Mutations in the KCNEI gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNEI as an LQT gene
Patent: US 6274332-A 7 14-AUG-2001;
Location/Qualifiers
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Prockop, D. J., Ala-Kokko, L., Williams, C.J., Ritvaniemi, P.,
Baldwin, C., Hopkinson, I. and Ahmad, N. Ninn
Baldwin, C., Hopkinson, I. and Ahmad, N. Ninn
Primers and methods for detecting mutations in the procollagen II
Gollal, that indicate a genetic predisposition for a
COL2A1 associated disease
Patent: US 5948611-A 50 07-SEP-1999;
Location/Qualifiers
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1 (bases to 17)
Heller,M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.
Methods for transport in molecular biological analysis and
diagnostics
Patent: US 6238624-A 22 29-MAY-2001;
Location/Qualifiers
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100.0%; Pred. No. 1.1e+03;
/ative 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.1e+03;
tive 0; Mismatches 0;
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Sequence 22 from patent US 6238624.
AR153869.1 GI:15121922
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/organisme"unknown"
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AR072247.1 GI:9999011
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AR164696/C
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Best Local S:
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Keating, M.T., Sanguinetti, M.C. and Splawski, I.
Mutations in the KCNE1 gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene
Patent: Location/Qualifiers
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                                                            Unknown.
Unclassified.
1 (bases 1 to 17)
Keating.M.T. Sanguinetti.M.C., Curran.M.E., Landes,G.M.,
Connors,T.D., Burn,T.C. and Splawski,I.
KVLQT1--a long qt syndrome gene
FVLQT1--a long qt syndrome gene
Patent: US 6420124-A 7 16-JUL-2002;
Location/Qualifiers
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Keating, M.T., Sanguinetti, M.C., Curran, M.E., Landes, G.M., Connors, T.D., Burn, T.C. and Splawski, I.
KVLQT1--a 109 QT syndrome gene
Patent: US 6451534-A 7 17-SEP-2002;
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rative. 0; Mismatches 0; Indels
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AR229837
AR229837.1 GI:27269715
 Sequence 7 from patent US 6420124.
AR218660
AR218660.1 GI:23319555
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Sequence 7 from patent US 6432644.
AR223075
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1 (bases I to 17)
Keating, M.T., Sanguinetti, M.C. and Splawski, I.
Mutations in the KCNE1 gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene
Patent: US 6323026-A 7 27-NOV-2001;
Location/Qualifiers
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Endogenous gene expression assay
Patent: WO 0134834-A 22 17-MAY-2001;
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100.0%; Pred. No. 1.1e+03;
ative 0; Mismatches 0;
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/mol_type="genemic DNA"
/db xref="taxon:32630"
/note="Primer sequence"
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Local Similarity 100.0%; Pred. No. 1.1e+0.
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Sequence 22 from Patent WO0134834.
AX146680 AX146680.1 GI:14285073
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Sequence 7 from patent US 6323026.
AR262093
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Patent: WO 0159103-A 3465 16-AUG-2001;
RIBOZYME PHARACEUTICALE, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                     Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 3207 16-AUG-2001;
RIBOZYME PHARMCEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="mkNa"
/db xref="taxon:32630"
/note="Nucleic Acid"
5 c 3 g 6 t
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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Sequence 3679 from Patent W00159103.
AX218237
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Seguence 3465 from Patent WO0159103.
AX218023
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 152103-A 2738 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Patent: WO 0134834-A 23 17-MAY-2001;
Rigshospitalet (DK)
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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Sequence 3207 from Patent W00159103.
AX217765
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/mol type="genomic DNA"
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/note="Primer sequence"
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Sequence 23 from Patent W00134834.
AX146681.1 GI:14285074
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0153103-A 3680 16-AUG-2001;
RIBOZYME PHARMACEUTALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3681 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0155103-A 3679 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
MCSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
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/mol_type="mRNA"
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/noTe="Nucleic Acid"
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/note="Nucleic Acid"
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3722 16-AUG-2001;
RIBOZYME PHARMACEUTIALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 3682 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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100.0%; Pred. No. 1.1e+03;
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Sequence 47 from Patent WO0188124
AX421711
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                       Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
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Method and reagent for the inhibition of erg
Patent: WO 1018124-A 46 22-NOV-2001;
PROZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Patent: WO 0159103-A 3723 16-AUG-2001,
RIBOZYME PHARMAGUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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                          Score 12; DB 1; Length 17; Pred. No. 1.1e+03; 0; Mismatches 0; Indels
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/mol_type="mkNA"
/db xref="taxon:32630"
/note="Nucleic Acid"
                                                                                                                                                                                      AX218281 17 bp mRNA Sequence 3723 from Patent W00159103. AX218281 AX218281.1 GI:15528342
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Sequence 46 from Patent WO0188124.
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/mol_type="mRNA"
/db_xref="taxon:9606"
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synthetic construct
artificial sequences.
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LOCUS
DEFINITION
ACCESSION
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KEYWORDS
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AUTHORS
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AUTHORS
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   PAT 18-JUN-2002
                                                                                                                                                               Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 47 22-NOV-2001;
RIBOZYME PHARNACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 1088124-A 526 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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